Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

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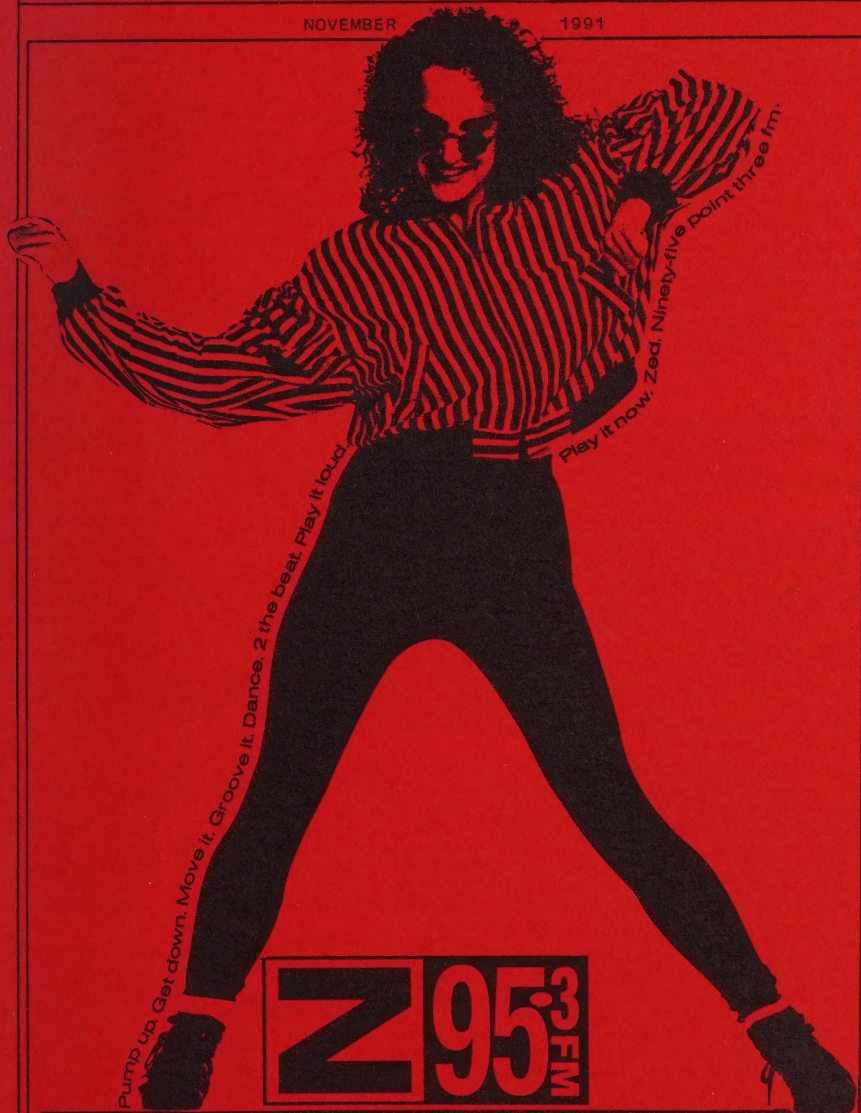


SPECIAL REPORT

YOUR RIGHTS TO DX THE PSB BANDS MIGHT BE DENIED!

There have been several developments that has not been covered by the WTFDA, but have been bought to light elsewhere. Namely your rights to DX and just plain monitor the PSB bands....

As most of you know, several states ban the monitoring of Police/Fire frequencies in motor vehicles. My state, New Jersey..is one of these states. Our law, is said to be on the 'books' since the 1930's!, is so strict that unless you are a police officer, fireperson, or emergency (EMS) technitian or a goverment (Federal) law enforcement officer. You are not allowed to have a scanner in your motor vehicle. Even,if you, have the scanner shutoff and locked in your trunk! The penalties include a $500.oo fine, confiscation of your scanner and get this..up to a 18 month jail term! Ham radio operators are not exempt, currently a Ham in Union County (NJ) is facing a 18 month jail term for violating this law! Just having a radio capable of recieving the PSB bands in your car, even in the trunk, subjects you to this fine and possible imprisonment!

Fortunatley, the ARRL (American Radio Relay League), ANARC, NESN (North East Scanning News) a Northeast scanning club and Frank Terranella, a lawyer who is working with both ANARC and the ARRL along with NESN's large membership has been able to introduce a bill in the NJ Legislature, and word has it that this bill might be voted on / signed into law REPEALING New Jersey's 'mobile scanner law'. And also there is some talk that the Ham who is facing the possibility of jail sentence for having a scanner in his car, might perhaps have the law tested as unconstitutional as the law is vague and overly broad. Well that is the good news!

Now the bad news!

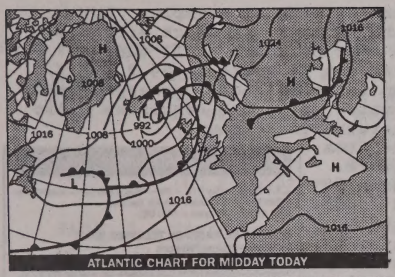
In the Newark Star Ledger on October 6th 1991 Sunday edition had a very interesting article on the NJ Scanner law and went on about the Ham operator and his plight. The article went on to talk about 'the controversey' on scanners and the like.....it also went on to say..that.

JERSEY CITY NEW JERSEY IS CONSIDERING BANNING POSSESION OF SCANNERS IN THE PRIVACY OF ONES HOME!!!!! This my friends,is very scary! A council member in Jersey City (and other communities) are considering a ordinance(s) to deny your right to listen in the privacy of our own homes to listen & DX on your scanner. What happens in Jersey City NJ (and other communties) will likely have a effect on you somewhere in the future! I understand that Jersey City Police have complained to the lawmakers in JC that the criminals are using scanners and that they (the Police) want a total ban on scanners in JC. If they ban scanners in JC, they then might go after all radios that 'tune' the PSB bands. The ICOM R-7000 comes to mind along with the various Ham gear that incidently receive some PSB bands as mostly all Ham gear do.

Am I jumping the gun here, so to speak? Think about it. If what happens in Jersey City goes through, then it will be a short time before it also happens in other towns, cities,perhaps your own community? Kiss enjoyable monitoring goodbye! Of course there will be a fight over all this, several things come to mind. Your rights as taxpayer to monitor the goings on in the community, your rights against censoring important information, the right to know and several things that go against your rights. I also understand that Frank Terranella and NESN is looking into this misguided effort by the Jersey City law makers.

In other things that approach this subject of banning, restricting and further hampering the radio hobby. In a editorial in the most recent issue of "Monitoring Times". Bob Grove (the publisher) wrote about the FCC proposing to deny type acceptance of scanners capable of receiving cellular bands and even scanners easily modified to receive the cellular bands even though the scanner is locked out from cellular. According to the article no one in Washington DC is opposing the bill. And if this goes through then possibility of the FCC proposing to remove the PSB bands is not far off. Watch for future updates on this. For more information on the NESN write to North East Scanning News 212 West Broad St Paulsboro NJ 08066. Sample issues of NESN are available for $2.50.

--Bill Nienajadly



ATLANTIC CHART FOR MIDDAY TODAY

A TECHNICAL TOPICS DX REPORT

Your technical editor, Tim McVey, has taken up residence in England for the next three years. During this time, I'd like to make an attempt to put the "W" into WTFDA...from time to time I hope to be able to submit DX reports, antenna reviews, etc. to give a general feel for what DX'ing is like in Europe.

My wife and I got our home set up in July, and got my antennas up! The C.M. Stereo Probe Nine is up at 20' AG on a rotor, and the jazzed-up Pioneer TX-7500 is ready for action. (The lousy front-to-back ratio of the Probe 9 is OK here because I have the Pennines to the west and the N. York Moors to the north!) We live in Knaresboro, a market town that goes back to the 12th century, complete with old castle ruins, medieval homes and churches, and a town crier. It's located about 25 miles NE of Leeds, and about 200 miles N of London. This is the beautiful countryside of sheep, James Herriot, Beatrix Potter, and lovely heather-topped moors, any of which would make a fine site for a DXpedition.

The FM dial here is relatively quiet; the locals have low power. There are only 4 watchable TV stations, and they are all on UHF and require an outdoor antenna. We're about 50 miles inland from the North Sea and on the eastern slope of the Pennine Mountains, so the tropo paths from the continent have good potential, as we shall see.

American DX'ing habits are little help here. Only in USA, Canada, Mexico, parts of Latin America, and Australia will you hear stations ID regularly with call letters. In Europe, at least, networks are the rule, and these are identified by name only rather than by any technical details. In England, "BBC Radio 2" operates in the 88-90 MHz range. No frequencies or locations or calls are given. The primary goal of the BBC is to make sure a person can clearly receive the "Radio 2" programme, no matter where he/she/it goes within the UK. To this end, a network of primary (10kW and up) and relay (5 to 5000 Watts ERP) stations are strategically located about the land. Listeners are informed merely to tune to the strongest available signal in the range 88-90 MHz "band."

When DX'ing, one must use external clues to "assemble nets." On FM, unlike SW, broadcasters don't broadcast in English unless their community speaks it! (By the way, FM is often called VHF to distinguish it from the other broadcast bands, LW and MW.) It is vitally important to become intimately familiar with all your locals so that any unusual stuff gets recognized quickly. One also must have good listings of networks, such as is given in the World Radio-TV Handbook.

When something unusual comes rolling in, it helps to have a directional antenna to find the strongest direction (a peak in signal strength usually falls within 10 degrees or so on a large yagi) and to make sure the German is really coming from the direction of Germany.

Then, one should always tune up and down the dial to see at what other frequencies the identical programme shows up. This is extremely important, for it gives you all the technical details you're looking for, even if unable to speak the language. Check the frequencies you are hearing against your listings, and there should be a match that shows up somewhere. Once you've found that, use the listing to hunt for other targets that may be buried more in the noise and QRM.

This process is perhaps best illustrated with an example. Let's say I'm hearing Dutch programs on the FM band. A check with the rotor peaks it in a direction a bit S of Holland. I'll tune across the dial, and the same program can be heard at 94.2, 95.7, and 99.9. Two of the three match up to Nederlandse Omroepprogramma Stichting's network, but all three match up to the Belgische Radio en Televisie (BRT) Dutch language network in Belgium. Now, use the listing (reprinted here from the WRTH) to piece together the network. The cool thing about national networks is that the same transmitter sites and equipment is usually used to transmit other programmes. In this example, I notice that the 95.7 signal on my radio shows up at S-3.2 on my tuner's S-meter. The list shows other programs on 98.6, 90.4, and 102.1. I tune to 98.6, and, sure enough, there's another Dutch program, also at S-3.2. I try for 97.9 and 97.5, but there are locals on those channels. However, a check on 93.7 shows a Dutch signal parallel to 98.6, but weak and fluttery. Just to check, I tune to 91.7 and there is a Dutch program, identical to the first three frequencies (94.2, 95.7, 99.9 MHz) but fluttery and at the same weak signal level as at 89.5. This process is called assembling a net, and ensures that you are really hearing the DX you think you are, even without understanding the language. And don't overlook the possibility of parallel broadcasts on LW frequencies, as well. During the day, groundwaves at LW can easily go farther than VHF through a tropo duct.

BELGIUM

L.T: UTC + 1h (Su: UTC + 2h) — **Pop:** 9.898.000 — **Radio sets:** 4.520.590 — **Pr.L:** Dutch, French, German.
E.C: a/c 50, 220V (yes) — **ITU:** BEL.

BELGISCHE RADIO EN TELEVISIE (BRT)
Dutch Language Network
Public Sce. grants by Flemish Council.
ADDR: Omroepcentrum, B-1040 Brussels. **Te:** +32 (2) 737 31 11. **Cable:** BRT Brussel. **Telex:** 22486 BRTBIN B. **Fax:** +32 (2) 735 36 62.
L.P: Adm. Gen: C. Goossens. Dir. Gen (Radio): P. Van Roe. Dir. of Production Dept: C. Cleeren. Dir. of Prgr. Dept: H. Verheyden. Tech. Dept. Dir. Gen: M. Gewillig. Dir. N. & Current Affairs: M. Gevaert. Dir. Educ. Prgr: Mrs L. Martel. Head of Int. Rel: Mrs. Jaklien Caenberghs.
MEDIUMWAVES (R = Regional Prgr)

Station	khz	Prgr.	kW
Waver-Overijse	540	2	150/50
Wolvertem	927	1	300
Kuurne	1188	2	5

FM: (all freqs in MHz) all prgrs. in stereo.

Station	1	2+R	3	4	kW
Brussegem				100.6	20
Egem	95.7	98.6	90.4	102.1	50
		100.1			50
Genk	99.9	97.9	89.9	101.4	10/3×20
Gent				101.5	1
Leuven				102.0	0.05
Scholen	94.2	97.5	89.0	100.9	3×10/25
Veltem	91.7	93.7	89.5	—	40

Radio 1: 0430 (Sun 0530)-2245. **N,Wrp:** 0500, 0530, 0600, 0630, 0700 and hourly to 1800, 1930, 2100, 2240.
Radio 2: 0430 (Sun 0530)-2245. **N,Wrp:** 0500, 0530, 0600, 0630, 0700, 0800, 0900, 1200, 1600, 1800, 2100, 2240.
Regional Centres: J.V. Rijswyckiaan 157, 2018 Antwerpen (97.5MHz) — Eug. Flageyplein 18, 1050 Brussel (93.7MHz) — Rodenbachstraat 29, 3500 Hasselt (97.9MHz) — Martelaarslaan 232, 9000 Gent (98.6MHz) — Conservatoriumplein 1, 8500 Kortrijk (100.1MHz). **D.Prgr:** 1100-1200.
Radio 3: 0700-2245. **N,Wrp:** 0700, 0800, 1200, 1800, 2240.
'Studio Brussel" on 1512kHz + FM4: 0600 (Sat/Sun 0900)-1800.

ENGLAND'S RADIO DIAL

In the UK, there are two broadcasting organisations: the famous BBC, and the Independent Radio Authority. The BBC (British Broadcasting Corporation) is non-commercial and supported by direct taxing of its listeners. If you live in the UK, and your TV or radio is capable of receiving the BBC signals, you must buy a license. This costs £77 per year (about $125 when I bought mine) per household, for color TV. (There are discounts for using B&W TV set only, or if you're blind.) The RA regulates independent, commercial broadcasters, which may apply for and set up a station if an allocation exists for that area. (Not unlike the FCC.) BBC provides three TV channels (in stereo, with Ceefax subcarriers), and 5 domestic radio programmes, as well as national, native-language programs for Scotland (R. Scotland), Wales (R. Cymru), and N Ireland (R. Ulster). In most areas, only the three BBC channels, and one or two independent channels, are available on TV. All TV stations are on UHF, and there is no cable. The Brits do not particularly want more than the 4 standard channels. (DBS-Direct Broadcast Satellite-is available for those few who do. It is fairly inexpensive since the high frequencies used allow very small, 24" receiving dishes.)

Aire FM
LEEDS (12)
contemporary chart hits/local & national news
FM 96.3 MHz 24 hours
AIR DATE 1.9.81

Radio Borders
THE BORDERS (11)
chart & classic hits. Scottish music. news & sport
FM 96.8, 97.5, 103.1, 103.4 MHz 24 hours
AIR DATE 22.1.90

Choice FM
BRIXTON (24)
soul/reggae/local & national news
FM 96.9 MHz 24 hours
AIR DATE 31.3.90

Radio Forth RFM
EDINBURGH (5)
chart, contemporary classic, Scottish music, news & information
FM 97.3/97.6 MHz 24 hours
AIR DATE 21.1.75

Hereward Radio
PETERBOROUGH (37)
contemporary and classic hits/local & national news
FM 102.7 MHz/AM 1332 kHz 24 hours
AIR DATE 20.7.80

Jazz FM
GREATER LONDON (16)
jazz & jazz related music/national news
FM 102.2 MHz 24 hours
AIR DATE 4.3.90

Radio Orwell
IPSWICH (11)
adult contemporary music/local & national news
FM 97.1 MHz, AM 1170 kHz 24 hours
AIR DATE 28.10.75

Sunrise FM
BRADFORD (25)
music, news & information for Asian, Afro-Caribbean and other ethnic communities
FM 103.2 MHz 24 hours

Here is a summary of the FM radio programmes available in the UK:

RADIO 1 - pop and rock music
65 FM stations in the 97.6-99.8 MHz band
26 MW stations, mostly on 1053 or 1089 kHz
on the air 0500-0200 daily

RADIO 2 - light music & informative programs
168 FM stations in the 88.0-90.2 MHz band
on the air 24 hours

RADIO 3 - "serious music and cultural programming"
168 FM stations in the 90.2-92.4 MHz band
21 MW stations on 1197 or 1215 kHz (to end soon)
on the air 0655-0035 daily

RADIO 4 - spoken word, current affairs, news, music
168 FM stations in the 92.4-94.6 MHz band
9 MW stations and 3 LW (at 198 kHz) stations
on the air 0555-0040 daily

RADIO 5 - sports, education, and "youth" programs"
23 MW stations on 693 or 909 kHz, to go to FM

LOCAL RADIO - service for 40 specific regions (typically larger cities, such as Radio Manchester, or counties, such as Radio Gloucestershire). These have local programs, trained, local announcers, pop/rock music, and local news staffs. Including relays, there are 89 FM stations in the 94.6-96.1 and 103.5-104.9 bands.

INDEPENDENTS - These generally cover small areas, have low power, and identify with catchy names, like "T-FM" or "Red Rose Rock Radio" or "London Jazz Radio." There are 111 separate stations on FM, not counting a few low-power relays, in the 96.1-97.6, and the 102.0-103.5 MHz bands. All are stereo, and most operate 24 hours.

88.0	90.2	92.4	94.6	96.1	97.6	99.8	102.0	103.5	104.9
BBC RADIO 2	BBC RADIO 3	BBC RADIO 4	BBC LOCAL RADIO	IND. RADIO	BBC RADIO 1	UNUSED	IND. RADIO	BBC LOCAL RADIO	

Notice the two prominent gaps in the FM band. 99.8-102.0 is currently unused in the UK, but there are plans to set up some national commercial radio networks in the future in this range. 105.0-108.0 is unused in the UK until 1996. Both of these provide to me, the DX'er, excellent DX windows since these frequency ranges are used on the continent!!

Technically speaking, an area is defined by the BBC to be served by an FM transmitter "if the field strength is at least 54 dB (relative to 1 uV/m) at a height of 10 m above ground level." ERP's vary depending on terrain and specific requirements, from 5 W to 250 kW. Polarization is mostly mixed (H and V), but about 25% are still horizontal and 25% are vertical.

In Europe, FM stations transmit with narrower deviations; often an entire channel is limited to +/- 75kHz, compared to +/- 100kHz in the USA. Channel assignments are made every 100kHz. As a general rule, lower power is used in favor of more relay stations. Almost all stations are in stereo.

There is no SCA as it is known in the US. In most European countries the FM stations use the Radio Data System (RDS) which presents time, frequency, station name, and occasional traffic reports and road data. All of this is via slow digital FSK data, on approximately 57 kHz subcarrier. One can drive all over Europe and, using a radio equipped with RDS, see the correct time and station name. In order to get any use out of my SCA decoders, I guess I will have to build a FSK demodulator and a digital display.

SUMMER, 1991 DX REPORT

Times are given in local, which is EDT plus 5 hours (GMT + 1 hour).

26 July, EGW (foggy, warm morning)

0630 97.3 LBC NEWSTALK, London, 4.0kW, 185 miles
0645 97.5 THE HOT FM, 1.0kW, 152 mi

27 July, Es

0820 100.3 R. SAN LUCHINO, Bologna, Italy, 5kW, 905 mi
0825 87.3 unID, with American pop music, strong signal in $
0828 87.6 RAI (Radio 1), Mte. Cavo, nr. Rome, 12kW, 1100 mi.
0830 88.1 RAI (Radio 1), Mte. Venda, 80kW, ??
0940 MUF drops below FM
dozens of unIDs all the way up past 106...

28 July, Es

1745 97.6 ONDAS GALICIA, La Coruna, Spain, 1kW, 895 mi.
1750 88.3 ANTENA 3 DE RADIO, Cordoba, 2kW, 1120 mi
1755 93.2 ANTENA 3 DE RADIO, Cadiz, 1kW, 1216 mi.
1755 fast drop in MUF...

28 July, mild Tr (stagnant high pressure dome)

0900 87.7//87.9//88.0//92.6 NEDERLANDSE OMROEPPROGRAMMA STICHTING (NOS) from locations in Holland, approx. 300 mile range
0930 96.1 BBC R. SOLENT, Southampton, 10kW, 210 mi
1930 104.2 BBC R. KENT, Dover, 10kW, 225 mi
1945 94.6 R. FRANCE, Chartres, 50kW, 430 mi
2100 98.6//100.1//97.5 BELGISCHE RADIO EN TELEVISIE (BRT) from locations in Belgium, 350-390 mile range;
also 100.9//100.6//102.1 Programme 4, and
101.9//92.6//100.7//93.9 Programme 1.
2145 short-lived E-skip to Spain (presumed), up to 89 MHz, no ID's

1 Aug, mild Tr (same high)

0715 95.3, BBC R. SUSSEX, Brighton, 1.2kW, 215mi.

3 Aug, mild Tr

0740 noted strong enhancement to Netherlands, Belgium; this over-water path seems to work very well out to about 400 miles

18 Aug, Tr (over mountains)

2030 103.6 BBC-Radio 4 relay, Llanddona, Wales, 21kW, 117 mi
2035 104.0 BBC Radio 4 main site, Blaenplwyf, 250kW, 157 mi.

20 Aug, Tr

short distance, but a definite path over the Pennines which has only been heard once in 3 months...
0705 94.4 R. TELEFIS EIREANN (FM-3), Mullaghanish, Ireland, 160kW
102.7 //above, Clermont Carn, 40kW "Allegro" program, c$
0715 101.4 CENTURY FM, Mt. Leinster, 100kW
101.8 CENTURY FM, Mullaghanish, 160kW
100.3 CENTURY FM, Dublin, 10kW, 214 miles
all with lots of ads, T-40 music $
0725 93.5 RTE (FM-3), Kippure, 40kW, 216 mi
90.4//91.3//91.8 RTE (FM-2) various sites in Ireland...

21 Aug, Tr

0700 101.4 BRT (Radio 4), Genk, Belgium, 20kW, 380 miles 420 mi
0715 101.3 WESTDEUTSCHER RUNDFUNK (Radio 4), Langenberg, W. Germ.
101.7 W.R. (Radio 4), Kleve, 2kW, 380 miles !
0725 101.0 W.R. (Radio 2), Barbelkreuz, 500 Watts, 375 miles!
also 100.8-Aachen, 5kW, 410 mi, 101.8 Ederkopf, 15kW

30 Aug, Tr (stagnant high pressure, morning fog)

0700 102.2 LONDON JAZZ RADIO, 2.0kW, in local quality, strong!
102.6 INVICTA FM, Dunkirk, 350 Watts, 211 miles !
103.1 INVICTA FM, Maidstone, 630 W relay, 202 miles
0715 105.1 UNITED STATES ARMY AFN, Rheinberg, Germany, 1.0kW, 392 mi
news, rock music, sports in American English stereo
0730 As I go to work, note band is loaded with French, German, etc.
1905 This has built through the day...most Belgium and Holland stations are in at local strength; tons of relogs and unIDs
1920 99.2 DANMARKS RADIO (Prog. 3), Thisted, Denmark, 2kW, 480 mi
90.0 D.R. (Prog. 3), Bornholm, 30kW, 692 miles !
2100 above stations from Denmark up at S-4.5 out of 5.0! Unbelievable!

30 Aug, Tr (2100-2200 Netherlands hunt)

Site, power, distance	NOS-Prog. 1&2	NOS-Prog. 3	NOS-Prog. 4
Wieringermeer, 20kW, 288mi	87.7//93.9	89.8	92.2
Goes, 15kW, 300 mi	87.9//101.9		
Smilde, 50kW, 360 mi	88.0//90.8	91.8	94.8
Irnsum, 15kW, 328 mi	88.6		
Markelo, 50kW, 372 mi	91.4//95.6	96.2	98.4
Rotterdam, 5kW, 304 mi	93.4		
Hoogezand, 15kW, 352 mi	97.5		
Roermond, 20kW, 392 mi!	100.3		
Lopik, 100kW, 300 mi	100.7	96.8	98.9
Lelystad, 5kW, 328 mi	102.1		

31 Aug, SUPER Tr

0630-0700 JUNGENDRADIO DT64 network, W. Germany:
Rhinow, 103.1 MHz, 606 miles! Berlin, 102.6, 644 miles
Sonneberg, 102.7, 616 miles Frankfort, 101.5, 532 miles
0645-0700 DEUTSCHLANDFUNK network, W. Germany:
Aurich, 101.8 MHz, 100kW, 387 miles
Wesel, 102.8 MHz, 100kW, 392 miles
Lingen, 102.0 MHz, 15kW, 396 miles !
0700-0720 NORDDEUTSCHER RUNDFUNK network, W. Germany:
Hamburg, 87.6 and 99.2 MHz, 80kW, 496 miles!!
Aurich, 98.1 and 90.0 MHz, 25kW, 387 miles
Steinkimmen, 99.8 and 94.4 MHz, 100kW
Lingen, 97.8 and 90.2 MHz, 15kW, 396 miles
Heide, 99.4 MHz, 452 miles
Flensburg, 96.1 MHz, 472 miles
0715-0730 WESTDEUTSCHER RUNDFUNK network:
Langenberg, 95.1 MHz, 100kW, 418 mi Kleve, 97.3 MHz, 2kW, 384 mi
0910-0930 SVERIGES RIKSRADIO network, Sweden!
(only Program 4 heard, others buried under German signals)
Visby, 100.2, 60kW, 856 MILES (my all time record!)
Orebro, 102.8, 60kW, 784 MILES
Boras, 102.9, 10kW, 656 miles
Varberg, 103.8, 10kW, 620 miles

1 Sep, Tr

0800 conditions still good, but major part of duct is dissipated
0805 96.1 RTV BELGE DE LA COMMUNAUTE FRANCAISE,
Wavre, Belgium, 50kW, 360 mi. //300kW station on 621 kHz

2 Sep, Tr

0715-0730 DEUTSCHE WELLE FM NETWORK (new on air, female reads a list of stations, sites, and freqs over and over, in stereo)
Kaltenkirchen, 107.4 MHz, 495 miles Oyten, 104.1, 460 mi
Lubeck, 107.9 or 108.0 MHz, 524 mi Heide, 100.4, 455 mi

So, in 6 weeks' time, I've been fortunate to log over 220 stations from 10 countries by groundwave, widespread enhancement, an awesome tropo duct, and E-skip. The tropo over the labor day weekend was the best I've seen in 10 years; it broke my old 800-mile record set back in 1979 on a Memphis-Minneapolis path, and 1980 on a Memphis-Lubbock path. In the above loggings, I've selected the highlights only and included ERP and mileages to give the reader a feel for what DX was like here and how it compares to US. No re-logs listed.

I have no doubt that the duct may have supported even farther contacts on 31 Aug. The Visby, Sweden site is an island in the Baltic between Sweden and Latvia. This is as far as I could go without a receiver that tunes the OIRT FM band (65-75 MHz, used by eastern European/Soviet countries). This has also probably caused me to miss a lot of E-skip, as well.

I've not TV DX'ed, although the TV bands are wide open here. The biggest problem is that my multistandard TV does not have the channels numbered, I have no way to fix that problem, and I haven't yet seen a listing of European/N. African TV stations. I brought along my American TV, which is hooked to the FM antenna just in case some F-2 skip comes in from the States; no luck with that yet.

That about does it for this month; 73 and cheers, J.K. McE

17 Park Gate, Knaresborough, G5 9DR, UK (airmail address)

PSC 45, Box 1066, APO, AE 09[illegible]3 (use this address with a 29¢ stamp)

FM NEWS

Bruce F. Elving, Ph.D., Editor
Box 24
Adolph MN 55701-0024

Station news contributions earnestly, tenderly solicited!

Readers' Reports and "Lameness" Revisited

"Nice to see you at Dunkirk for the convention," writes Greg Coniglio. "Thank you, Bob Seybold, for having us. I am curious to see where it will be in 1992. Hopefully I will be able to attend. How did your modified car radio turn out?" [The car radio which Bill Nienajadly modified with his 150 kHz filters turned out razor-sharp--almost too sharp since I like to tune in 92 kHz SCS as I go, and that channel is quite attenuated; 67 kHz is fine. It was fun playing with the car radios that sunny afternoon in Bob's greenery.] "On the subject of of adult contemporary, I share your and Bill's frustration on the 'lameness' of the musical programming when there are so many other good songs out there that people will never get a chance to near. I can't remember who said this in your column a few years back, but he said it well: 'They are looking for songs that people won't dislike instead of songs people will like'. I don't think that Bill N. intended to offend anyone's disability when he thought up the term 'lame'. I don't think he is that type of person. I agree with your statement: people should not really feel offended by the 'lame' term--because none is intended. However, I think you could have made your point just as well without that 'invalid' remark--in my opinion, that was not very good taste.

"We were in NH during Hurricane Bob. Many stations were knocked off the air, though most were not off for long. WSRS 96.1 was in mono for a while, as was WOKQ 97.5, but both returned to Stereo later. WCOL 95.3 and WWEM 96.7 were off for longer, allowing me to DX. . . [which] was poor immediately following the hurricane--maybe the extreme low pressure? I also had some success with phasing, though I can't compare it to others, of course. I have never seen their methods in action! I use the Probe 9 on the roof, plus rabbit ears in my bedroom (the kind with dials on it); both run into a Radio Shack 0-10-20 dB FM amp, which has both 300 and 75 ohm inputs. The ones with selectors work better than plain rabbit ears. It works better with Es and trops than for ground wave. A few examples of success: Got 94.5 and 99.5 from Dallas area July 1 over 100-kw Buffalo locals. . . Also during weekend WWDL 104.9 PA, in the same direction; no sign of it without phasing. Got WSPI 95.3 over CKDS local that night, although I usually have a null in that direction anyway. Phasing just made it deeper. Hope you can use some of this in your column, Bruce."

For TV DXers: "Fringe communities in Wisconsin are investigating the dangers of large private TV antenna towers in order to enact control ordinances. Residences in cities as far as 100 miles from Milwaukee have erected towers upwards of 60 feet high in an effort to receive programs from Milwaukee and even Chicago."

--May, 1990, "Radio-Electronics" magazine

Bolstered by all the DXers tuning in, WCBS-FM with oldies, is No. 1 in the NYC ratings, according to info Bill N. sent. WINS 1010 leads in daytime with its news, prompting Bill to write: "Antique Modulation not dead in NYC," but then he goes "Hah! Heh! Heh! WNSR, We're No Super Radio," to an item about that 105.1 station in NYC dropping to 14th in the market with a 3.4 share. About the new rules which might help AM, announced by the FCC (one of which would remove some interference-causing stations to the new 1600-1700 kHz band after a five-year period of dual operations), Bill says "Hah! Heh! Heh!" to the idea that the new rules "should go a long way towards restoring the economic health of many AM stations," according to FCC Commissioner Andrew C. Barrett. Bill sent me a list of unIDs, and he heard a 91.7 station mentioning St. Paul and the Twin Cities. Could be KLSE or KRSW; possibly KAXE. The "WECL" 92.9 he heard is a new station in Elk Mound (Eau Claire) WI; and his "KQ-92" is KQRS-FM Golden Valley, not Warroad MN. Several stations in his area have separate nighttime or weekend programming from their daytimes. Examples: WHUD 100.7 Peekskill NY both b and a/c; WWDB 96.5 Philly monophonic talk days; stereo "m" weekends, while WRTN 93.5 New Rochelle has heavy metal Saturday nights and Sunday mornings, Spanish late weekday nights.

A personality branching out to station ownership is Susan St. James (of "Kate and Allie" fame) who will become the new morning host on CT's WZBG 97.3 Litchfield. When WZBG comes on the air next May, let

Susan St. James
No biz like radio biz

me know primarily if it has stereo, and secondarily what kind of music it plays. She and hubby NBC sports prez Dick Ebersol are owners of the station, along with others. The article Bill sent warns: "Numerous luminaries have lost their shirts by venturing into local radio. Stevie Wonder's KJLH (FM) Compton CA ranks 22nd in the L.A. market. Paul Simon and Lorne Michaels recently struck a deal to simulcast WNEW-FM during most of the day on their Hampton Bays station, WWHB. And Stephen King abandoned WZON in Bangor ME, after a year by selling to a dentist. Just about the only success

story is country idol Buck Owens, whose KNIX-FM dominates the Phoenix airwaves." The article failed, however, to mention the successes of Gene Autrey and Merv Griffin in their various broadcasting ventures. I wonder if any DXers have been successful at owning stations? I know J. Alex Bowab at WDLT 98.3 Chickasaw AL and Al Germond at KARO 101.5 Columbia MO, and I run W280CT 103.9 Hermantown MN for fun and profit (?).

John Marx found out that WFEN Rockford IL is on 88.3, not 102.3, as the FCC had erred. He's saddened by their appearance in the educational band, which along with WGSL *91.1, make two Rockford area "Bible thumpers cluttering the one part of the band I like to DX. . . I recall someone in a recent column was looking for Paris FM info. If I had an address for them I would send what I have. The Jamaica FM info isn't long enough/important enough for a separate publication. Nor would an eastern Caribbean/Jamaican list be enough. I'll just map it and offer it for an SASE to anyone who wants it." Write John at PO Box 971, Madison WI 53701.

From south FL: Christopher Dunne found pirates on 88.3: "Electric Radio" with an announced 1 kw and "Radio X," which may be the same station. WMCU 89.7 still g weekdays but gr on Sat. "I can get about a dozen additional FMs every day with the new RX302BK receiver, including 102.9 WIVY at 480 km! Sorry but I can't get it in $, hi. I better listen to WEAT 104.3 as much as I can; it's the last b south of Jensen Beach. . . A DJ's synonym for 'lame': 'Favorites'."

Saul Chernos reports *88.5 WRFI Radio Free Elmira (NY) "never got FCC approval--it was superceded by a gospel station that I heard during a visit there. Anyway, that didn't stop them from producing bumper stickers--I saw one in the Rongovian Embassy, a bar in a nearby village. . . Didn't have time to do any DXing while there." He mentioned calls of Lafontaine ON 101.9 being CFRH-3 (from CFLH) and I assume Perkinsfield is CFRH-2. I wonder if any or all of them have stereo? Nobody, it seems, has actually heard those low-power stations near Georgian Bay.

"Thought I'd drop you a note to express my appreciation for the work you did on my Sansui 919. It works great--easy to tune, with nice-sounding signals," writes Jim Wishner. With his selective tuner he can get next to locals like KNOW *91.1 St. Paul. "Not many changes on FM here since I arrived. Most of the activity has been on AM, as the stations try almost anything to stay on the air. And there isn't as much SCActivity as I would have thought from a major metropolitan area. No farm news, no medical news, just talking books and Muzak. If and when I get an outside antenna, I'm sure I'll be able to pick up much more. . . It was nice to meet you in person."

Gus Mancuso: "You said, 'chortles Gus'. It's just the way I write, sometimes I come across as poison pen, but none intended. You list new Temple U. station coming on in Dover DE?" [Yes, WRTX 91.7--b.e.] "Must have been some change at WANV 99.7 Staunton VA. Now get regular, never got before. Maybe 'less tower, more power'? (To get more coverage east in trade-off for less reception towards mountains?) Since WTRM *91.3 Winchester VA increased by 100 watts it's noticeably easier to null WESM. . . Different DXers [pick] up same stations during skip openings. I got some stations [from MD] as NJ and NY listeners at almost the same time on 6-16. . . . WAMS 1380 Wilmington DE silent. . . Remember station as a teen in '60s--helped fill in the gap between Baltimore and Phila. on trips to NYC." Gus promises a report from Atlantic City in the Northern FM DX column this month.

Harry Hayes sent a story about the new WUSR *99.5 Scranton, owned by the university there. It's expected on by Dec. '92, but no word on its stereo status or programming. Tom Bryant sent a picture story from "Broadcasting" on how KAGR, KMAX and KMLO plan to team up and program jointly on 107.1 mz in an effort to match the coverages of CA Class B FM stations, many of which are grandfathered in at more than maximum ranges for that class. Tom writes that the "map might even be a candidate for front cover use." I don't get "Broadcasting," but do read it in the college library--sometimes a couple of weeks late.

Karl Zuk says Gerry Turro's 103.1 translator in NJ now relaying WBAB 102.3 Babylon NY. In the past it's been WPST, WALK-FM, WHTZ, WYNY, WDRE "and now WBAB. World's record?" Karl kindly sent an udpate on SCServices in the NYC area. He asked if the CA3089 chip, as used on the Elf-IAdapter, can be used at 92 kHz? Yes, it can, but a separate adapter board is necessary--you can't "tune" on that adapter from 67 to 92. He sent an article by John Kean, "FM Subcarriers in the 1990s," from the Oct., 1990, *Broadcast Engineering*.

Look below, dear reader, for "See Also," the highly-acclaimed digest of what was in last month's issue that all America has been waiting for! I gotta run, and get ready a new "FM Atlas," about which details will follow in a month or two. Now onto selected information from my eight-page October FMedia! newsletter.

See Also October VUD For

FL Belle Glade WBGF 93.5 B-93.5 (from "All CD 93.5"), Smith, p. 42
FL Bradenton-Sarasota WJIS *88.1 adds Fort Myers-"Tampa Bay," Strobel, p. 35
FL Plantation Key WFKZ 103.1 is stereo?--Strobel, p. 33
FL Pompano Beach WMXJ 102.7 o, Strobel, p. 33
IL Ramsey WJLY 93.3 $, Merrill, p. 23
IA Ankeny KMXD 106.3 "Mix 106" may have instead been KMXA 106.3
Lincoln, now b, but retaining that nonID. If it was KMXD, is it Stereo?
Hawk, p. 27. [burg, Merrill, p. 22
KS Baxter Springs KMOQ 107.1 o, "Oldies 107," probable ID with Pitts-/
KY Glasgow WWWQ 105.3 ID with Bowling Green, Strobel, p. 33
MI Carrollton WKFK 100.5 stereo, "K-100.5," Falconer, p. 37
MI Lexington WBTI 96.9 ID with Sarnia (ON)-Port Huron, Falconer, p. 36
MN Thief River Falls KSRQ *90.1 rp, Cherry, p. 31
MO Kirksville KLTE 107.9 ID with Centerville (IA)-Macon, Merrill, p. 22
MO Montgomery City KMCR 103.9 ID with Herman (and LMA with KLRX 104.3 Vandalia), Merrill, p. 23
MO Perryville KBDZ 93.1 $tereo, "B-93.1," Merrill, p. 23
MT Livingston KYBS 97.5 k, Merrill, p. 24
NE McCook KZMC 105.3 rp, Hawk, p. 27
NE Ogallala KOGA-FM 99.7 Music 99 (from "Light Hits 99"), Hawk, p. 27
NM Roswell KSFX 100.5 FX-100, but is it stereo? Pizzi, p. 41
OH Barnesville WBNV 93.5 stereo? "More Station News," p. 32
OH Harrison WNLT 104.3 ID with Cincinnati, Strobel, p. 34
OH Oberlin WOBC *91.5 rp, Nieman, p. 29
OH Troy WTRJ 96.9 stereo, oldies, Strobel, p. 34
PA Pittsburgh WVTY 96.1 "Variety 96," Hall, p. 32
SD Rapid City KIQN 104.1 (not to be on 104.3) k, "Station News," p. 28
TN Carthage WUCZ 102.3 Z-102.3, Smith, p. 42
TN McKinnon WTWL 101.5--is it stereo? Smith, p. 42
TX Corpus Christi KBXR 93.9 r, Strobel, p. 34
TX Lufkin KSWP *91.1 has stereo, Strobel, p. 40
TX Odesa KODM 97.9 Star 98, Sittel, p. 40
TX Pasadena KJIC *88.1 still mono, Strobel, p. 34
PQ Mirabel CJLA 104.9 Radio Fusion, Nieman, p. 29

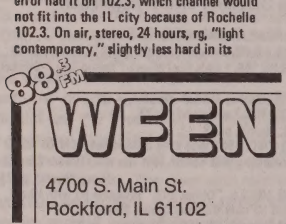
SK Swift Current CIMG 94.1 94-FM (from "Magic 94"), Merrill, p. 25

GT Leon XHLG 98.3 stereo? Allen, p. 38
DF Mexico City XHIMER 94.5 stereo? Allen, p. 38

Finally, Ronald Purdue writes and says that the new FM in Stewartville MN (105.3 with no call letters yet) is scheduled to come on the air early in 1992. "The Mower County Board has given a go-ahead for a 152 m tower in Marshall Township (wherever that is). KWWK FM 96.7 is still on that frequency. They have trouble getting a new tower built only 7 km south of my residence (near Byron). Residents there are worried about radiation, eyesores, etc."

New FM Station, Translator Grants

AL Fruithurst (ENE of Anniston near GA border) 102.7 6000 watts horizontal and vertical effective radiated power; 100 meters above average terrain, Steven L. Gradick
AL Hartselle 106.1 3000 h,v; 100 m, Dorsey E. Newman [ton Bcstg. Corp.
AL Trussville 105.9 1000 h,v; 171 m, Stan-/
AK Ketchikan K220AB *91.9 (WMBI-FM 90.1 Chicago assumed via satellite; primary not stated, but owned by K. Christian Bcstg. Corp.)
AK Soldotna K283AB 104.5 (KWVV 103.5 Homer translator) [Rick L. Murphy
AZ Seligman 103.3 460 watts h, v; 240 m,/
CA Chico K204AA *88.7 (KCHO 91.7 Chico)
CA Ferndale K206AU *89.1 (KHSU 90.5 Arcata translator, reinstated)
CA Scotia K207BA *89.3 (KHSU, reinstated)
CA Willow Creek K204BL *88.7 (KHSU, reinstated) [Grand Junction)
CO Norwood K218BH *91.5 (KJOL 90.1/
FL Alachua (High Springs) 92.5 3000 h,v; 100 m, Eve Ackerman, initial decision, subject to reversal [m, Genesis Bcstg. Corp.
GA Warner Robins 102.5 6000 h,v; 100/
GA Zebulon 92.5 3000 h,v; 100 m, Spalding
ID Ketchum 104.7 160 h,v; 588 m, Jim Kincer
IL Arcola WZNX 107.9 2500 h,v; 150 m, Rollings [day Bcstg. Ltd.
IL Champaign 100.3 25000 h,v; 100 m, Holi-/
IL Norris City *90.1 22000 v; 90 m (vertical only), g, Voice of Calvary Ministries
IL Olney *90.3 25000 h,v; 144 m, S. IL U.
IL Rockford (not MI, as reported last month) WFEN *88.3 5400 h,v; 99 m, Rockford Educational Broadcasting Foundation. FCC error had it on 102.3, which channel would not fit into the IL city because of Rochelle 102.3. On air, stereo, 24 hours, rg, "light contemporary," slightly less hard in its



Christian rock than WQFL 100.9. No SCS to date. "Proposed 57 kHz paging, 92 kHz audio." CBN affiliated. "Unfortunately it turned up on 88.3 instead of expected 102.3. That makes two Rockford area Bible thumpers clustering the one part of the band I like to DX (listen for distant stations), the other being WGSL 91.1. How can the FCC authorize such last-minute shifts?"

KS Topeka *90.3 11000 h,v; 256 m, g, New Life Fellowship, Inc., with FCC denying Bible Broadcasting Network its 89.9 Topeka bid
KY Russell Springs 92.7 3000 h,v; 100 m, Twinlakes Communications
LA Buras *91.9 3000 h,v; 50 m, Deep Delta Radio, Inc., co-owned with KVDP *89.1 Dry Prong
ME Sanford *88.5 100 v, 118 m, vertical only, g, Word Radio Ed'l. Foundation [well Bcstg.
MA Turners Falls 93.9 3000 h,v; 100 m, Card-/
MA Worcester WAYW *91.9 700 h,v; 158 m, d-a, U. of MA, reinstatement of CP
MN Rochester W231AA *94.1 (WCTS 100.3 Minneapolis) [den Gulf Coast Bcstg.
MS Ocean Springs 92.5 3000 h,v; 100 m, Gol-/
NV Orovada K219BT *91.7 (KNIS 91.3 Carson City) [100 m, Jeanne T. Haefner
NJ North Cape May 106.7 3000 h,v;/
NM Santa Fe 94.7 43000 h,v; 852 m, John Strelitz [(WFGB 89.7 Kingston)
NY Balmville (Newburgh) W202AR *88.3/
NY Blue Mountain Lake *89.9 110 h,v; 527 m, St. Lawrence U., replacing translator (see "Deletions," below)
OH North Bend K299AA 107.7 (KACW 107.3 North Bend, via microwave)
PA Port Matilda (W. of State College, NE Tyrone) 107.9 3000 h,v; 100 m, The Orkus'
SC Greer 103.3 3000 h,v; 100 m, G. Communications
SC Pawleys Island 100.3 3000 h,v; 100 m, Audrey R. Morris
TN Benton 93.1 6000 h,v; 94 m, Stonewood Communications Corp. [O.Davis
TN Lafayette 104.1 3000 h,v; 100 m, Ivon/
TX Gainesville 107.9 50000 h,v; 129 m, Kevin Potter, initial decision, subject to reversal. Potter, 34, is president of WMOI 97.7 and its AM, Monmouth IL. He promised to move to Gainesville. Rival Mark Rodriguez, Jr., is manager of KLTY 94.1 Fort Worth, whose brother, Antonio, is president of KSSA-FM-AM McKinney TX. Rodriguez' station would be operated in conjunction with KSSA AM. The FCC favored Potter on intergration of ownership and management, since Potter would devote fulltime to the new Gainesville station and hire a manager for Monmouth. Rodriguez only promised 20 hours a week in Gainesville and said he would rent an apartment there.
TX Howe (Sherman) 95.3 6000 h,v; 100 m, Maple Communications [Humble)
TX Lake Jackson K216BX *91.1 (KSBJ 89.3/

Call Letters Assigned or Changed

AL Georgiana 107.7 WWGA (from WZQD)
AK Kenai 104.9 K285EF (K285DT)
AZ Buckeye 106.9 KMJK (KYNI)
AZ Oracle 103.1 KQLD (KBTR), k[ountry]
CA Avalon 92.7 KOUG
CA Groveland *91.7 KOUJ
CA Lucerne Valley 106.5 KOUI
CA Oxnard 102.9 KXLM (KLSM)
CA Portola *89.7 K209AU (K219BC)
FL Live Oak 106.1 WLVO
FL Palm Bay *90.3 WEJF
FL Panama City Beach 100.1 WSEA
GA Darien 107.7 WYNR, to 123 m (50000 h,v)
GA Hinesville 104.7 WHVL (WSEU)
GA Sylvester 102.1 WVYF [h,v (152 m)
GA Wrens 96.7 WAKB (WAKB-FM), to 2600/
HI Paauilo 103.7 KILU (KHCR)
HI Pearl City 101.9 KUPU (KPCY)
ID Chubbuck 98.5 KRSS (KRCD-FM), changing to g
ID Hayden 94.5 KKCH (KMWC)
IL Augusta *101.1 WAHI
IN Greenwood 106.7 WVYJ
IN Lagrange 105.5 WYPI
IN South Bend 103.9 WRBR (WZZP); o, "Oldies 103.9," next on dial to "Oldies 104.3" Chicago. "Original, ain't it?"
IN Terre Haute *88.5 WCRT (WXKF)
KS Augusta 104.5 KLLS (KQUI)
KS Dodge City 93.9 KDGB (KLLS)
KS Minneapolis 92.7 KILS
KY Bowling Green 96.7 WBZD (WCBZ)
KY Williamstown 106.5 WNKR (WVEA)
KY Wilmore 96.3 WYVI
LA Belle Chasse 102.9 KMEZ (KNOK), sr, shutting out "The Breeze"; enters a programming agreement with WLMG 101.9 New Orleans
LA Monroe 105.3 KLIP
ME North Windham 106.7 WVYH
ME Portland 97.9 WCSO-FM (WWGT-FM), rm, "Coast 98"
MD Federalsburg 107.1 WQMR (WDLE)
MI Cadillac 107.1 WCKC (WYTW)
MI Coleman 101.5 WPRJ (WSMZ), to 2200 h,v; 114 r
MI Essexville 97.3 WIXC
MI Grayling 100.3 WFXK (WQON)
MI Walker 100.5 WQFN
MN Thief River Falls *102.7 KNTN (KVVL), noncommercial, nt, mono
MS Port Gibson 100.5 WVYE
MO Aurora 100.5 KGMY (KELE)
MT Forsyth 101.3 KIKC-FM (KIKC)
NE York 104.9 KTMX (KAWL-FM)
NH Hampton 102.1 WZEA
NH Peterborough 92.1 WNHQ (WMDK), rm
NH Somersworth 98.7 WTSN-FM (AM is in Dover NH)
NH Walpole 96.3 WLPL
NJ Margate City 96.1 WTTH (WMXL)
NY Ballston Spa 102.3 WZRQ (WQQY), p, Z-Rock
NY Buffalo 96.9 WGRF (WGR-FM), entering into an agreement with WUFX 103.3 and WXBX AM. Rich Communications (WGRF) will supply programming and advertising sales for WUFX for five years, with each station to be programmed separately, but to be known as the Rock Network. At least 10 staffers let go at WUFX, and the entire on-air staff of WXBX. No decision made on what to do with the "low-rated" WXBX.
NY Mechanicville 104.5 WVYD [m
NY Middletown *91.7 WOSR, to 5000h,v; 107/
NC Goldsboro 102.3 WEQR (WOKN)
NC Highlands 104.5 WHLC
OK Ardmore 95.7 KKAJ-FM (KKAJ)
OK Henryetta 99.5 KSTM (KQMFJ), r, "The Storm" (from "Magic 99")
OK Nowata 101.5 KOUH
OK Oklahoma City 98.9 KYIS (KZBS), r, "Kiss" (from "Z-99")
OK Weatherford 97.3 KWEY-FM (KBXR)
OR John Day *91.9 KCNR [ies 99"
PA Easton 99.9 WODE-FM (WHXT), "Old-/

PA Harrisburg 99.3 WIMX-FM (WIMX)
PA South Williamsport 99.3 WZXR (WFXX-FM), r, back to. "Three cheers!"
TN Jackson 101.5 WVYG
TN Smyrna 94.1 WYPE
TX Claude 95.7 KARX (KQXB)
TX Georgetown 107.7 KNNC (KJWL), r
TX San Angelo 93.9 KCRN-FM (KTEO-FM)
TX Wichita Falls *90.5 KTEO (KCRN)
VA South Boston 95.3 WYPA
WI Green Bay *88.1 WYPD
WI Mosinee 94.7 WOFM (WEHM) [mono
WI Park Falls 98.3 WCOM (WNBI-FM), o, still/
AB Lethbridge 107.7 CFRV (CILA), "The River" [U-FM" (from "Zed 103")
MB Winnipeg 103.1 CKLU (CHZZ), mr, "103/
ON Dubreuilville *97.9 CBON-11 (not CBON-1)
ON Hamilton 95.3 CJXY (CKDS), op, "Y-95"
KY Pineville WZKO 106.3 1050 h,v; 234 m
LA Alexandria KDKS 93.9 6000 h,v (100 m)
LA Brusly KRVE 96.1 (from 96.3) 43000 h,v; 137 m, C2, "The River"
MD Halfway WQCM 96.7 4800 h,v (50 m)
MI Clare WCFX 95.3 6000 h,v (100 m)

MI Gulliver WTIQ-FM 94.7 248 m (100000 h,v), site near Cooks MI, to serve Munising, Escanaba [(100000 h,v)
MI Sault Ste. Marie WYSS 99.5 133 m/
MN Alexandria KSTQ 99.3 6000 h,v (91 m)
MN Owatonna KRFO-FM 104.9 adds vertical
MS Pascagoula WGUD-FM 105.9 (from 106.3) 25000 h,v; 100 m, C3 [98.3)
MS Quitman WYKK 98.9 (having moved from/
MO Moberly KZZT 105.5 6000 h,v (100 m)
MO Mountain Grove KCMG-FM 106.5 (from 92.7)
h,v; 100 m, C3
VT Hartford WGLV 104.3 2700 h,v; 149 m
VA Harrisonburg WQPO 100.7 3800 h,v; 493 m
VA Lynchburg WXYU 101.7 3400 h,v (88 m)
VA Norton WNVA-FM 106.3 1700 h,v; 187 m
VA Rocky Mount WZBB 99.9 1200 h,v; 220 m
WA Moses Lake K208-- *89.5 (from K214AF *90.7) [also "Deletions")
WI Green Bay WORQ *90.1 (from 88.5—see/
WI Merrill WMZK 104.1 13000 h,v; 136 m, C3
WI Mishicot WTRW-FM 94.7 (from 107.5)
WI Neenah WROE 94.3 5600 h,v (104 m)
WI Racine WHKQ 92.1 6000 h,v (82 m), and hoping to build a tower closer to Milwaukee
WI Tomahawk WJJQ-FM 92.5 (from 92.7) 25000 h,v; 79 m
WI Waunakee 105.1 (new, Dale A. Ganske's station) 3800 h,v; 74 m.

ON Lafontaine 101.9 CFRH-3 (CFLH)
ON Perkinsfield 89.7 CFRH-2 (assumed)
ON Windsor 93.9 CKLW-FM (CKMR), still "o," but some late '80s "recurrents. . . The Canadian government makes them run lots of news, and they employ the most bored, unenthusiastic news presenters that I have ever heard in a major city. The only positive thing to listen for are the old vintage 'CKLW' jingles that they are using from the legendary CKLW-AM. They always use call letters. . . '93.9—today's CKLW-FM'. Why 'today's'—since they play no music from the 1990s?"
TA Nuevo Laredo 97.1 XHNLO (not XHMLO), mr. "Technical info on Mexico is hard to get."

Facilities' Changes Granted

AL Muscle Shoals (from Florence) W280AH 103.9
AL Ozark WQLS 103.9 6000 h,v (100 m)
AL Trinity WUIC 92.5 3100 h,v; 129 m
AL Warrior (new) 98.7 6000 h,v (100 m)
AK Kodiak K274AB 102.7 (from K272BW 102.3) [50000 h,v; 150 m, C2
AZ Green Valley KQSN 92.1/ [h,v)
AZ Payson KRIM 104.3 355 m (100000/ [C3
AR Forrest City KBFC93.5 25000 h,v;100 m /
AR Jonesboro KDEZ 100.3 (having moved from 100.1)
AR Maumelle (from Pine Bluff) KOLL 94.9
AR Newport KOKR 105.5 4100 h,v (67 m)
CA Hollister KHIP 93.5 120 hv (688 m)
CA Irvine KUCI *88.9 200 h,v; -3 m, d-e, Class A
CA Merced KDAT 106.3 3000 h,v (145 m), $, rk, expected back on air soon [h,v; 157 m
CA Salinas KRAY 103.5 (from 103.9) 1200/
CA Winton KFMK 98.7 4400 h,v (117 m)
CO Evergreen (new) 96.5 93000 h,v (466 m, d-a)
CO Grand Junction KJOL *90.3 1500 h,v; 395 m
CO Wray KATR 98.3 50000 h,v; 83 m, C2
DE Bethany Beach WWTR 95.9 100 m (3000 h,v)
FL Vero Beach WAVW 101.7 3100 h,v (144 m)
FL West Palm Beach WIRK 107.9 163 m (100000 h,v)
GA Chatsworth WQMT 98.9 950 h,v; 248 m
GA Gordon WMRW 107.1 2300 h,v (165 m)
GA Lakeland WHFE 105.9 6000 h,v (100 m)
GA Milledgeville WKZR 102.3 3300 h,v (91 m)
GA Millen WMKO 94.9 16000 h,v (122 m), C3
GA Rome WKCX 97.7 4100 h,v; 240 m, C3
GA Vidalia WTCQ 97.7 6000 h,v (88 m)
ID Twin Falls KAWZ *89.9 (from 89.5) 7000 h,v; 303 m
IL Champaign WHMS 97.5 109 m (50000 h,v)
IL Herrin (new) 92.7 6000 h,v (99 m)
IL Macomb WKAI 100.1 3100 h,v; 141 m
IN Indianapolis WAJC *104.5 50000 h,v; 150 m
IN Rensselaer WLQI 97.7 3300 h,v (91 m)
IN Terre Haute WMHD *90.5 106 m (160 h)
IA Bettendorf KQCS 93.5 3300 h,v (90 m)
IA Mount Pleasant KILJ-FM 105.5 24000 h,v; 103 m, C3
KS Baxter Springs KMOQ 107.1 6000 h,v (91 m)
KY Hindman WKCB-FM 107.1 1600 h,v (198 m)
KY Manchester WTBK 105.7 3100 h,v (141 m)
KY Mayfield WXID 94.7 131 m, d-a (50000 h,v)
MO Sparta KLTQ 96.5 50000 h,v; 150 m, C2
MO Warrenton KFAV 99.9 2500 h,v; 156 m
MT Belgrade KGVW-FM 96.7 213 m (3000 h,v)
NV Elko KRJC 95.3 25000 h,v; 236 m, C1
NH Jackson WZJN 99.5 470 h,v; 254 m
NJ Fort Lee W276AQ 103.1 now with WBAB 102.3 Babylon NY and no longer with WDRE 92.7 Garden City NY. "In the past it's been WPST, WALK-FM, WHTZ, WYNY, WDRE and now WBAB. World's record?"
NY Canajoharie WCAN *93.3 6000 h,v (11 m)
NY Kingston WFGB *89.7 453 m (3100 h,v), non d-a
WAMK *90.9 453 m (940 h,v) [(72 m)
NY North Syracuse WEZG 100.9 6000 h,v/
NY Oneonta WSQC *91.7 570 h, 2300 v; 161 m
NY Remsen WIBQ 93.5 6000 h,v (73 m) [m)
NY Sag Harbor WLNG-FM 92.1 5300 h,v (107/
NY Sidney WCDO-FM 100.9 1900 h,v; 176 m
NY West Point WKDT *89.3 has vertical (100 h,v; -150 m). "We are not licensed by the FCC. The Department of Defense has an understanding with the FCC with all our stations—as long as they don't cause interference to any other station they can stay on the air. The same applies to stations in Annapolis MD, Fort Gordon GA and Colorado Springs CO." WLJP *89.3 Monroe NY has agreed to accept any interference that WKDT might cause. "WKDT gets out fairly well considering their poor location. They ae only interested in serving five dorms and the campus. . . They serve 5 km as an absolute maximum, but 2 to 3 km is their regular coverage."
NC Henderson WYFL *92.5 d-a, noncommercial
NC Morehead City WRHT 96.3 100000 h,v; 143 m, C1
NC Wilmington (new) 105.3 3400 h,v; 85 m
OH Belpre WMBP *91.7 170 h,v; 105 m, gr
OH Cleveland WLTF 106.5 11300 h,v; 316 m
OH West Carrollton WROU 92.1 890 h,v; 182 m
OR Jacksonville K298AA 107.5 (from K252AA 98.3) [50000 h,v; 386 m
OR Portland KWJJ-FM 99.5/ [(203 m)
PA Coudersport WFRM-FM 96.7 1500 h,v/
PA Erie WEFR *88.1 630 h,v; 131 m, non d-a
PA Mercersburg WGLL 92.1 3300 h,v (143 m)
PA State College WTLR *89.9 178 m (25000 h,v)
PA Union City WCTL 106.3 3400 h,v; 131 m
SC Barnwell WBAW-FM 99.1 (from 101.7) 25000 h,v (100 m), C3
SC Cayce WHKZ 96.7 3300 h,v (135 m)
SC Greenwood WSCZ 96.7 4100 h,v (119 m)
SC Moncks Corner WJYQ 105.5 4500 h,v; 114 m
SC Parris Island WOCW 92.1 6000 h,v (100 m)
SD Mobridge KOLY-FM 99.5 100000 h,v; 177 m
TN Murfreesboro WRMX 96.3 52000 h,v;392 m, d-a
TX Clifton KWOW 103.3 8400 h,v; 175 m
TX Denison KDSQ 101.7 17600 h,v; 117 m, C3
TX Johnson City KFAN-FM 107.9 37200 h,v; 170 m [h,v (140 m), C3
TX Llano KLKM 104.7 (from 104.9) 11000/
TX Lytle KXPZ *91.3 92 m (3000 h,v) [m)
TX Mesquite KEOM *88.3 61000 h,v, d-a (174/
TX Refugio KZTX 106.1 (from 106.3) 25000
WI, ■WXRX Belvidere-Rockford IL, ■WNFM Reedsburg WI. Two of them, WTKM-FM and WXRX, have been granted power increases. WTKM-FM, now mono, reaches almost as far as Dane County. At 5,800 watts (the new power) that coverage would be greatly extended. However, if they plan to add stereo, this coverage area would be reduced. WNFM, in a very hilly area, reaches at least as far as Baraboo, where other low-power Madison area stations can be received. A station transmitting from Waunakee, unless very low power, would surely reach that far... Looking at FM Atlas-13 reveals that the frequencies 92.9 and 93.1 have no Madison-area station broadcasting on them. There might be some reason unknown to me why they weren't chosen, especially the 93.1."
WY Jackson KZJH 95.3 (from 95.7), to resolve intermod with WY Hwy. Dept. mobile radio system [000 h,v)
PR Vieques Island WSAN 98.9 229 m (50-/
VI Christiansted WAVI 93.5 (from 94.3), moving because of a conflict with a 94.3 assignment in the British Virgin Islands. The FCC was notified about this by the British Department of Trade and Industry.
NS Halifax CIEZ 96.5 132 m (100000 h,v)

Stereo—Or to be $tereo

AL Atmore WYDH 105.9, "Y-105.9"
FL Jacksonville WNCM *88.1. "We are stereo for music, but turn the stereo off for talk programs. It is a special control box an engineer made for us, which turns the remote stereo generator off and on."
GA St. Simon's Island WMOG-FM 92.7
MA Gloucester WBOQ 104.9 played a tribute to station founder when it was mono, Simon Geller. Geller could not hear the tribute as he lives in Las Vegas, where he is presumably spending the $1 million Doug Tanger paid for his station. The tribute consisted of playing Geller's favorite work, the hour-long version of Beethoven's Ninth Symphony. "Another glitch in WBOQ's existence is that it's at the exact frequency of WRBB, Northeastern University's station, so listeners on the Expressway might tune to 104.9 and get an overlap of reggae and Rachmaninoff."
MI Norway WZNL 94.3, co-programmed with WFNL 97.7 Sturgeon Bay WI
MI Sandusky WTGV 97.7, still b. "Yeah, we're still stereo. Sometimes when they do a ballgame the night before they forget to turn on the stereo the next day." [has CNNews
MN Blackduck WBJI 98.3, o, ID with Bemidji;/
MS Tupelo WAFR *88.3, g, "Family 88"
MO Savannah KSJQ 92.7
MO Tarkio KTRX 93.5, but no longer IDing with Rockport. Joint ID with KMZU 100.7

Carrollton, with which it programs most of the time, "but we try to keep a strong presence in Tarkio, sometimes doing programming from there. The old KTRX was dismantled."
NY Homer WXHC 101.5, rm, ID with Cortland
OH Harrison WNLT 104.3 [go stereo
OH Youngstown WYTN *91.7, did finally/
SC Pamplico WMXT 102.1
TN Tazewell WFSM 94.1
TN Waynesboro WTNR-FM 94.9
VA Dublin WBKW *91.5
VA Harrisonburg WZJM *88.7
VA West Point WPTG 107.9, rm
WA Everett KSER *90.7 "has been stereo since they began broadcasting 2-91. I have been doing some volunteer work there including on air. However, they DO NOT turn off stereo for talk programs. I've asked why not but no one seems to know."

Monophonic

AL Mobile WTOH *105.9, still on air, despite being in the secondary of WYDH 105.9 Atmore
CA Arcadia KMAX, still mono, but a proposal to link it with KAGR 107.1 Ventura and KMLO Fallbrook might change things—either turning KMAX to stereo or KMLO and KAGR to monophonic relayers of KMAX's ethnic

FORMATS (selected)

FL Miami Beach WZTA 94.9 r
FL Naples WCVU 94.5 mr, "Shore 94"
FL Perry WNFK 105.5 rm, $
FL Stuart WZZR 92.7 op, after a brief fling as m, all Christmas music. They "wanted to be the station Floridians turn to for holiday cheer all day, every day." Now "92.7 ZZR."
GA Atlanta WABE *90.1 still c, but a local media consultants' study urged instead "multicultural programming" such as WRFG *89.3 has. Study claimed WABE would not be successful over the long term, but Reva Ezell, manager, said WABE is No. 26 in total audience out of more than 400 NPR stations, and it is No. 3 in audience among 30 public stations in the 1.5-2.5 million population group. Dr. Jabari Simama, media professor at Clark Atlanta University, who headed the consultant group, said "We are talking about 9,000 contributing members in a metropolitan area of 3 million. You can't convince me that 9,000 out of 3 million can determine the programming thrust of the station. WABE must have a broader membership base, and in order to accomplish that, there must be a programming shift." Tommy Joe Anderson, recording engineer: "Listeners can tune to 40 other radio stations and get multicultural. . . On my 'Atlanta Music Scene' program on WABE, I feature as many black composers and performers as I can. . ."
WPCH 94.9 still mr, but "not quite as soft as before, with a slow shift from 'b' to 'm' to 'mr', [and] if it continues they will probably end up 'rm' or even 'r'."
GA Boston WTUF 106.3 o
GA Cairo WSLE 102.3 r, "Whistle 102"
FL Naples WCVU 94.5 mr, "Shore 94"
FL Perry WNFK 105.5 rm, $
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GA Boston WTUF 106.3 o
GA Cairo WSLE 102.3 r, "Whistle 102"

only five stations nominated over the summer.
MI Detroit WDTR *90.9 ts
WKQI 95.5 rm, "Q-95" strict during day; at night becomes lighter with "love songs"
WDFX 99.5 rs, on air. "Is not and has not been off the air. Their contemporary hits format continues as before, with lots of commercials. . . They have been trying to sell WDFX for quite a while. It is now being operated by a court-ordered receiver."
MI Gaylord WMJZ 95.3 rm
MN Minneapolis KTCZ 97.1 r
MS Bay Springs WIZK-FM 93.5 o
MS Carthage WSSI-FM 98.3 k (only)
MS Clarksdale WWUN 101.7 g
MS Cleveland WCLD-FM 103.9 o
MS Collins WKNZ 101.7 o, still "Z-101"
MS Columbus WACR-FM 103.9 r
MS Eupora WLZA 96.1, o, "Laser 96"
MS Fayette WTYJ 97.7 s, "T-97"
MS Gluckstadt WLIN 101.7 rm
MS Greenwood WYMX 99.1 r, AC days, CHR nights, still "Max 99"
MS Heidelburg WEEZ 99.3 g
MS Kosciusko WJTA *91.7 g
MS Lexington WAGR-FM 102.5 rk
MS Louisville WLSM-FM 107.1 k
MS Petal WMFM 106.3 mr, "soft AC"
MS Senatobia WNJC *88.9 c, "now simulcasting WKNO-FM" 91.1 Memphis TN

97.1 FM, KTCZ

73-14, CB

Television News

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ABBREVIATIONS USED IN THIS COLUMN:

ERP= Effective Radiated Power, in kW
HAAT=Height Above Average Terrain, in meters
nc= No change
TL= Transmitter Location
*= Non-commercial

APPLICATIONS FOR NEW TV STATIONS

St	Ch	ERP	HAAT	City
AK	9	316	238	Anchorage*
CT	18	3300	369	Hartford
DC	4	100	214	Washington
FL	46	2385	277	Panama City
LA	54	1000	273	Slidell
MT	18	2684	598	Butte
MT	18	2712	595	Butte
ON	21+	207.6	171	Orillia
(TL: 44°52'06"N, 79°35'30"W)				
OR	46	9.82	109	Roseburg
(prop. satellite of KMTR-16)				
TX	18	1187	160	Farwell
WV	59	70.89	430	Lewisburg

CONSTRUCTION PERMITS FOR NEW STATIONS

St	Ch	ERP	HAAT	City
AZ	61	5000	511	Phoenix
CA	54	5000	366	Avalon
CA	29	1451	511	Eureka
(reinstated)				
HI	21	125	113	Wailuku
(LeSea, relig.)				
IA	36	5.5	85	Davenport*
ID	9	155	834	Caldwell
ID	26	12.2	465	Coeur d'Alene*
(St. Board of Educ., KAID-4)				
IL	44	4260	433	Chicago
(Replaces revoked WSNS-TV)				
LA	11	316	572	Columbia
LA	20	5000	290	New Orleans
MO	32	5000	322	Kansas City
MT	10	5	223	Helena
(KFBB Corp., probably satellite of KFBB-5 Great Falls)				
NM	50	1439	1266	Albuquerque
TX	10	316	352	Del Rio
WI	52	2500	233	Mayville
(reinstated)				
WY	10	170	160	Riverton

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City
AZ	13	1	542	KKTM	Flagstaff
CO	50	2498	233	KCEC	Denver
CO	22	nc	247	K---	Fort Collins
IN	69	10.5	167	WTBU	Indianapolis
ME	35	500	258	WWLA	Lewiston
NC	14	1200	193	WYDO	Greenville
NJ	63	1510	223	WMBC-TV	Newton
PA	53	12.2	222	WILF	Williamsport
TX	29	4070	153	KMPX	Decatur
TX	61	2740	552	KZJL	Houston
UT	12	9.8	42	KUSG	St. George

CONSTRUCTION PERMIT MODIFICATIONS GRANTED

St	Ch	ERP	HAAT	Call	City
AL	34	1120	142	WDAU	Ozark
CA	61	2500	811	KKAK	Porterville
FL	58	490	49	WAWD	Fort Walton Beach
FL	53	1493	262	WGFL	High Springs
FL	22	5000	62	WEYS	Key West
IA	36	6.82	65	KQCT	Davenport
NE	17	217.3	86	KTVG	Grand Island
OR	34	3070	259	KEVU	Eugene
PA	53	12.2	222	WILF	Williamsport
SC	36	147	233	WCTP	Charleston
TN	50	4508	239	WPGD	Hendersonville
VA	14	2880	173	WTMW	Arlington
WI	48	60	98	WEUX	Chippewa Falls

APPLICATIONS TO CHANGE EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
CA	11	79.4	833	KNTV	San Jose
IA	15	2213	363	KOIA-TV	Ottumwa
MA	57	1465	306	WGBY-TV	Springfield
MD	13	316	289	WJZ-TV	Baltimore
MD	62	3366	138	WFPT	Frederick
MI	17	1290	334	WXMI	Grand Rapids
MN	10	316	301	WDIO-TV	Duluth
MS	29	922.9	598	WMPN-TV	Jackson
NC	25	1256	351	WUNK-TV	Greenville
NC	47	12.3	97	WFXB	Rocky Mount
NE	19	767	342	KXNE-TV	Norfolk
NJ	68	2630	439	WHSE	Newark
OH	53	3250	207	WWAT	Chillicothe
OH	6	79	322	WSYX	Columbus
OH	43	4680	336	WUAB	Lorain

CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
AL	43	4710	295	WGIQ	Louisville
(TL: 31°43'05"N, 85 26'03"W)					
(was 708kW)					
AR	51	79.4	145	KFAA	Rogers
(what was the old ERP??)					

CHANGES GRANTED TO EXISTING STATIONS (Cont'd.)

St	Ch	ERP	HAAT	Call	City
AZ	13	302	622	KOLD-TV	Tucson
(TL: 32°14'56"N, 111°06'58"W)					
(roughly 42km WSW of old TL)					
CO	53	nc	193	KWHD	Castle Rock
(as-built change)					
CO	50	2498	233	KCEC	Denver
(TL: 39°43'59"N, 105°14'12")					
(Lookout Mtn.; where other Denver stns. are)					
(Probably as-built change)					
FL	46	3192	309	WNPL-TV	Naples
(TL: 26°25'22"N, 81°37'49"W)					
(Estero, Fla.)					
(as-built change)					
HI	20	467	622	KHAI-TV	Honolulu
(TL: 21°23'51"N, 158°06'01"W)					
(was 537kW, -48m)					
KS	38	4744	330	KMCI	Lawrence
LA	29	2507	394	KVHP	Lake Charles
(TL: 30°17'26"N, 93°34'35")					
(10km NW of Edgerly)					
(was 747.6kW, 136m)					
ME	13	100	134	WMED-TV	Calais
(was 211kW, 138m)					
MN	29	5000	nc	KITN-TV	Minneapolis
MO	5	nc	344	KCTV	Kansas City
(HAAT was 357m)					
MS	30	1600	nc	WGBC	Meridian
(was 89.1kW!)					
NC	42	2750	390	WTVI	Charlotte
(TL: 35°17'14"N, 80°41'45"W)					
(Caldwell & Back Creek Church Rds.)					
(was 1393kW, 152m)					
NC	17	2139	551	WUNE-TV	Linville
(was 918kW, 477m)					
OK	5	nc	464	KOCO-TV	Okla. City
(was 478m)					
PR	12	275	665	WOLE-TV	Aguadilla
(TL: 18°09'00"N, 66°59'00"W)					
(was 316kW, 165m)					
PR	44	250	372	WVEO	Aguadilla
(was 993kW, 377m)					
PR	22	1550	620	WNJX-TV	Mayaguez
(TL: 18°09'05"N, 66°59'20"W)					
(Near Maricoa)					
PR	6	58.9	825	WIPR-TV	San Juan
(was 53.7kW, 886m)					
TX	49	nc	365	KHSX	Irving
(was 309m)					
UT	14	1637	1173	KXIV	S.L. City
(was 15kW, -191m. Not a LPTV anymore!)					
VT	33	1337	815	WETK	Burlington
(was 1000kW, 20m. Bill says OSHA didn't approve!)					
VT	28	274	429	WVER	Rutland
(Probably as-built changes)					
WA	5	nc	348	KING-TV	Seattle
(was 255m)					

NEW STATIONS ON THE AIR

Jacksonville, FL: WJEB-TV 59z: 5/29/91:
4966kW, 289m HAAT/284m AG/29[illegible] ASL.
TL 30°16'34"N, 81°33'53"W
TBN affil.

NEW STATIONS ON THE AIR (Cont'd.)

St. Petersburg, FL: WTTA 38z: 6/21/91:
1397kW, 438/435/458m
TL unknown
Independent

Augusta, GA: WFXG 54-: 5/23/91:
2491kW, 385/343/465m
TL 33°25'00"N, 81°50'06"W
(Pine Log Rd., Aiken Co. SC, where other Augusta stns. are)
Fox affil.

Baton Rouge, LA: WGMB 44+: 8/11/91:
5000kW, 502/499/503m
TL 30°19'35"N, 91°16'36"W
(3km W of hwys. 1 and 1148, nr. Addis)
Fox affil.
(This is further info on one reported last month.)

Coos Bay, OR: KMTZ 23+: 7/8/91:
14.79kW, 155/21/283m
TL 43°23'26"N, 126°07'47"W
(Noah Butte, 7.7km ENE)
NBC affil., satellite of KMTR-16.

Huron, SD: KTTM 12+: 8/31/91:
275kW, 259/253/654m
TL 44°11'39"N, 98°19'05"W
Fox affil., satellite of KTTW-17.

Eagle Pass, TX: KVAW 16+: 6/15/91:
12.7kW, 85/76/324m
TL 28°43'32"N, 100°28'35"W
Telemundo (Spanish) affil.

El Paso, TX: KJLF-TV 65z: 6/22/91:
1000kW, 443/53/1800m
TL 31°48'55"N, 106°29'17"W
(KCIK-14 tower)
Independent.

CALLS APPLIED FOR BY NEW STATIONS

St	Ch	Call	City
IA	36	KQCT	Davenport
ID	9	KTMW	Caldwell
ID	26	KCDT	Coeur d'Alene
NC	47	WRMY-TV	Rocky Mount
(was WFXB)			
NY	55	WNSI	Amsterdam
(was WOCD)			
PR	18	WSJU	San Juan
WI	52	WWRS-TV	Mayville
WY	10	KFNE	Riverton

CALL LETTERS ASSIGNED TO NEW STATIONS

St	Ch	Call	City
CA	7	KLXO	El Centro
CA	32	KMTP-TV	San Francisco
(This is the station that replaces revoked KQEC)			
IA	36	KQCT	Davenport*
MI	43	WJUE	Battle Creek
(was WYYC)			

CALL LETTERS ASSIGNED TO NEW STATIONS (Cont'd.)

St	Ch	Call	City
NC	47	WRMY	Rocky Mount
		(was WFXB)	
NM	50	KBQE	Albuquerque
TX	48	KMZS	McAllen
		(was KNVO)	
WI	68	WMMF-TV	Fond du Lac

NEW CALLS APPLIED FOR BY EXISTING STATIONS

St	Ch	New	Old	City
AZ	13	KSWT	KYEL-TV	Yuma

NEW CALLS ASSIGNED TO EXISTING STATIONS

St	Ch	New	Old	City
CA	15	KPBS	KPBS-TV	San Diego
CA	38	KCNS	KWBB	San Francisco
CO	50	KCEC	KSHP	Denver
MS	27	WLOV-TV	WVSB-TV	West Point
OK	41	KTFO	KGCT	Tulsa
SD	12	KTTM	KIID-TV	Huron

CONSTRUCTION PERMITS CANCELLED/RETURNED/ETC.

Ch	Call	St	City
29	KZJA	CA	Eureka
32	KPCS	CO	Pueblo
64	WTNK	FL	Destin
13	WETV	FL	Key West
16	WFET	FL	Marathon
29	WYIM	FL	Ocala
50	WHPI	KY	Ashland
61	WROZ	KY	Owensboro
38	WGTJ	NC	Greenville
35	WJAE	NC	Jacksonville
25	KDIR-TV	NM	Carlsbad
36	KFXT-TV	SD	Sioux Falls
41	WYDL	TN	Union City
13	KWIY	TX	Brady
16	KIPC	TX	Lubbock
36	KZJF	TX	Paris
31	KZJI	TX	Victoria
65	WYDD	VA	Blacksburg
52	WWRS	WI	Mayville

STATIONS OFF THE AIR

Ch	Call	St	City
45	WMHX	NY	Schenectady

(this had failed as independent WUSV, and was donated to WMHT-17. Apparently it didn't work for them either!)

STATIONS BACK ON THE AIR

Ch	Call	St	City
41	KXLI	MN	St. Cloud

NETWORK AFFILIATION CHANGES

Call	Ch	Old	New	St	City
KYMA	11	ABC	NBC	AZ	Yuma
KYEL-TV	13	NBC	ABC	AZ	Yuma

OTHER STUFF

The Hartford, CT application above is mutually exclusive with the renewal of WHCT-TV, but WHCT is dark & rumored to be liquidating their equipment, so they may not object. The application for Washington, DC is mutually exclusive with WRC-TV.

Local LPTV W10BI made a brief reappearance in early October- they were on for about 10 days as "Your Classic Rock/Golden Oldies Station". (two different ID slides) Audio was continuous oldies music. They vanished again around the 8th. This one had relayed WJFB-66, now dark.

FORUM

Bill Fahber forwarded a bunch of previous correspondence, and I've received a few letters myself, leaving a bunch of stuff to catch up on:

Frank Aden Jr., Boise ID:

"Regarding to the changes for KAID in your Dec. column. The increase in power is correct per FCC listings, as for them moving to a new tower, that is incorrect. ... changes in coord. & HAAT are due to new readings taken for the site using new maps and altitude measurements. 5.9 mile north of the site would put them on the down side (opposite of Boise valley), out of transmission range to most of the Boise valley."

I seem to be seeing a fair number of these coordinate corrections, although many of them are for AMs.

Ken Onyschuk, Riverdale IL:

Ken wrote reporting WJYS-62 on the air approximately 3/4/91. Transmitter is in Tinley Park, Ill., about 15 miles/24km west of Hammond.

"Unfortunately it's another HSN affiliate. But I'm confused; the long distance # shown on channel 62 is 1-800-284-3400; the HSN # for channel 60 is 1-800-284-3200, WEHS-TV." [WEHS Aurora, Ill.] "Stn. IDs as Ch. 62 WJYS Hammond-Chicago".

HSC has two networks. My understanding is that the Home Shopping Club is carried by their owned-and-operated stations (of which WEHS-60 is one), and the Home Shopping Spree is carried by affiliated stations owned by others. (WJYS-62 would be such a station) 284-3400 is the number for the Home Shopping Spree, as confirmed by checking my local LPTV; 284-3200 is probably the number for the other network.

Robert Baker, Humboldt IA:

Regarding the reduction of KIIN-12 Iowa City's antenna height, in the 2/91 VUD:

"This was probably part of transmitter and antenna replacement (old equipment was 20-plus years old) in fall 1990. KIIN now has stereo and SAP, although they were delayed until about 2/1/91 because Iowa PTV and AT&T could not get digital stereo & SAP from Des Moines to Iowa City on existing microwave equipment."

I have three letters from Ben Wikie, York ME:

who mentions a VJN station, "WAV-TV" on channel 33 in Boston. This is almost certainly a LPTV, probably W33AV. Ben says it's "almost as good as WSBK-38 or WLVI-56"; my guess is that they're fairly high power (LPTVs on UHF are authorized up to 1kW transmitter power, which can provide ERPs of 50kW or more) and have a transmitter location north of Boston. (the Boston antenna farm is west of the city, in the Newton area just west of Route 128) There is no channel 33 allocation to Boston, nor is there likely to be one in the future due to the presence of WSBK-38; full power stations in the same city are not usually allocated less than 6 channels apart.

Regarding WHRC-46, they've been off for several months; Bill says they went dark on 9/21/89.

Ben also reports that WMFP-62 is now a Channel America affiliate. (the first full-power ChA I'm aware of- are there more? Guess I need to record an ID off the bird; I've been using ChA to calibrate a new dish at work...) He says the hourly ID is also listing a channel 57 in Portland, ME, but he isn't seeing it. Ben does report a channel 24 translator of WCBB-10 Augusta. WOCD-55 Amsterdam NY is also reported as being ChA.

Regarding WHCT-18 Hartford going dark, Bill confirms this, and reports on Compuserve indicate that WHCT's equipment is being liquidated- don't expect this one back anytime soon..

"Have you any idea why Fox 33 in Utica N.Y. would relay their signal on channel 11?, seems strange to me. I was travelling across New York a couple of weeks ago and saw it." Two possibilities I can think of. If I remember properly, Utica is a fairly hilly city; maybe a translator on channel 11 was installed to fill in a shadowed area where channel reception isn't very good. Alternatively, it could be a cable leak- I just spent a weekend in Little Rock, Ark., and DXing VHF with my pocket TV was essentially impossible, as CATV leaks filled the VHF band. Luckily, UHF and FM were a lot cleaner...

Finally, Ben asks about a TBN on 18 to the southwest, speculating that it's in southern New Hampshire. Seems reasonable to me, I'm kinda short on LPTV info. He also mentions seeing the new TBN in Albany, NY on channel 64.

Tom Bryant, Nashville TN:

"W68CG has already gone through some changes. About three weeks after signing on with HSN and simulcasting HSN with W12BV and W24AE; the owners changed the programming to VJN, and 68 now simulcasts with W59AW. ID's show a very large 59 on the left center, and a smaller 68 to the right." "The ownership of the two channels is different, but the 68 people made a deal with the VJN folks at 59 to provide programming." This was mailed in February. W59AW is now dark, and W68CG is alone with VJN programming. Interestingly, W59AW was mono but W68CG was (and still is) stereo. The ID is now for W68CG alone.

"Also, WKRN-2 has changed signoff hours again. Due to contractual re-alignment with CNN, WKRN is only allowed to carry that service 2 hours per night, and has elected to do so between 4 and 6 AM Mon-Sat., and 4:30 to 6:30AM on Sunday..."

A wealth of information from Mike Reid, North York ON:

"W26AT, Williamsport PA is with WYOU-22, not WVIA-44. WVIA gave up the CP and WYOU picked it up."

"W26AL Marietta, OH: currently 100w TPO, hopes to go to 1kW by the end of this year. Programming is local and TBN."

W05BE Jeffersonville, IN (Louisville, KY) is owned by Brightness Ministries. "They hope to get W08CT, New Albany [also a Louisville suburb] on by the end of February. After that they hope to get W26AS, Clarksville IN, on after W08CT."

Mike reports WTJC-26 as having switched to Home Shopping as of 12/1/90. I can confirm that as I received WTJC back on Jan. 1. Mike says they're still owned by the same religious outfit (although I seem to remember

reading about an ownership transfer in *Broadcasting*) and still run some religious programming on Sunday afternoons.

Regarding the channel 21 application in Orillia, "Baton seems to think that Toronto people miss CFTO-9 when they go on vacation. CKCO-TV, a fellow CTV affiliate, may not like this either, as it will have a large overlap with the [CKCO] Huntsville and Wiarton rebroadcasters."

W51AN (TBN Olean, NY) is now W22AZ. (10kW ERP, per WBF)

KSBI-52 Oklahoma City is on, but only from 7-10PM Central time.

WIVB-4 Buffalo still on channel 4-. They were supposed to move (to what offset?) due to a drop-in at Utica, but probably won't have to until the new Utica station starts up. (I wasn't aware of a channel 4 dropin at Utica!)

Mike also has more information on the cutbacks at the CBC:

"... There have been no transmitters shut down. Service has been severely reduced at Corner Brook, NF; Sydney, NS; Rimouski, PQ; Sept-Iles, PQ; Windsor, ON; Saskatoon, SK; Calgary, AB; and CBLT, Toronto. Closed completely are Goose Bay, NF; Matane, PQ; and CBLFT, Toronto. Some lists put CBLFT in the 'severely reduced' category. I think the 'severely reduced' stations still have local crews to feed news items to some other station. The 'closed completely' group seem to have become rebroadcasters of some other station. ...CBLFT-25 now repeats CBOFT-9 - CBLFT carries the signon, signoff, IDs and ads of CBOFT."

Finally, in an article from the Jan. 21 *Florida Times-Union*, "The Star Television Network, which featured serials such as *My Little Margie* and *The Rebel*, has gone out of business... Star launched with 10 affiliates reaching 9 million households nationwide when it had hoped to have 20 affiliates reaching 16 million households."

Jeff Kruszka, Harahan LA:

Jeff mentions that the E. Washington State *TV Guide* shows Fox stations "KCY"-53 Yakima and "KBW"-66 Tri-Cities (Richland - Pasco - Kennewick) are on the air. These are almost certainly actually LPTVs, K53CY and K66BW respectively. Also, "per the David Letterman show, there is a new NBC affiliate in Nacogdoches, TX - KLSB (satellite of KETK Jacksonville); channel not mentioned. I show a CP for channel 19 in Nacogdoches, that's be my guess.

Ronald Purdue, Byron MN:

"... KXLT-47 in Rochester is once again off the air! I do not know why? My best guess is that KXLT is installing a new xmtr to broadcast in stereo, if KXLT does not return, I'll let you know." Ronald says KXLI-41 is now in stereo, but has reduced its hours of operation, duplicating KTMA-23.

"There is still no sign of WEUX-48 nor have I heard of anything more on the status of KVBM-45.." I haven't seen any recent changes on KVBM or KXLT.

KITN-29 is now in stereo with 5000kW. Ronald mentions a considerable improvement in their signal in Rochester.

John Combs, Tallahassee FL:

John sends along two articles from the *Orlando Sentinel*. One concerns the channel swap of WKCF-68 and WRES-18; "The change is scheduled for mid-October...". WKCF will go from 2600kW to 5000kW, and will relocate its tower from Orange City (near WESH-2's tower, about midway between Orlando and Daytona Beach) to Bithlo. (where most of the Orlando TV towers are, about 30km east of Orlando)

"WKCF has agreed to pay WRES $1 million for a new transmitter and $240,000 to cover operating costs for two years... The station's (WRES) transmission will go from 1,000 watts to 60,000 watts." (presumably transmitter output)

John also sent along a Reuters clipping regarding the integration of the old East German television into the system of unified Germany; will excerpt that one next time.

I've also received letters from Matt Sittel and Dennis Park Smith; you'll be in next month!

73 Doug

SATELLITE NEWS

George W. Jensen
4604 Anntana Avenue
Baltimore, MD 21206-4220

Greetings again. Because of major surgery the last few columns had been prepared a little in advance. As a result there follows a lengthy list of additions, subtractions, etc.

Satcom 5 - Aurora 2 - OMIT NBC feed on XPDR 7

Satcom C1
Add the following
2 - KUSA - Denver Colorado VC 2
4 - KCNC - Denver Colorado VC2 16 - Cal-Span noted here
6 - KMGH - Denver Colorado VC2
12 - KRMA - Denver Colorado VC2
14 - KWGN - Denver Colorado VC2

8 AND 9 - NBC feeds

Galaxy 1
1 - Comedy Central - VC2 - planned
13 - CMTV - Country Music Television VC2 planned

Satcom F1
8 - now called - QVC Fashion Channel
24 - Omit RAI Italy via New York

Telstar 303
19 - believed to be SHOWTIME !! VC2

Spacenet
3, 5, 9 and 23 - PBS - no longer VC2
15 - a radio talk show pumped up via a video signal
17 - noted once - Furr's Satellite Network Mountain Time shown
18 - Univision News and Feeds

Morelos 2
15 - someone using MAC
17 - the college ETV that was on 8
Increasingly active SCPC noted

Morelos 1
2 - Imevision - ch 13 ID logo now seen frequently here

ANIK D2
11 - OMIT- Weather Network to E2 C
22 - OMIT - First Choice to E2-C
23 - CBC World News Channel OMIT to E2-C

ANIK E2 - C-Band - the new menu complete
1 - Weather Network
2 - The Sports Network - Oak/Orion
4 - First Choice - VC2
5 - Feeds
6 - Much Music
7 - CBC Newfoundland Feeds
8 - CHCH - Hamilton, Ontario Oak/Orion
9 - WDIV - Detroit, Michigan - Oak
10 - WXYZ - Detroit, Michigan Oak
11 - CBC North - Pacific/Yukon feeds
12 - Global Network
13 - Super Channel Oak/
14 - CFTM - Montreal, Quebec was OAK -
15 - CBC french
16 - CBC World News Channel - Oak
17 - CBC Newfoundland/Labrador feeds
18 - CITV - Edmonton, Alberta - Oak
19 - CBC North - Atlantic

20 - CBM - Montreal, Quebec
21 - WTVS - Detroit, Michigan - Oak
22 - CHAN - Vancouver, British Columbia - Oak
23 - WJBK - Detroit, Michigan - Oak
24 - CBC House of Commons Service

ANIK E2 - Ku Band
8 - Music Plus
10 - Radio Quebec TV
11 - Feeds
12 - Television Quatre Saisons
14 - Super Ecran - VC2
16 - Reseau de Sports VC2
18 - TV Ontario - French
20 - TV Ontario - English
22 - Super Ecran VC2
24 - Ontario Legislature
26 - Y-TV
28 - Family Channel VC2
32 - Atlantic Satellite Network

Spacenet 4
6 - ID Card also ID card on Ku side

Westar 4
17 - World Harvest Television/WHME - ch. 46 South Bend, Ind.
18 - ABC/NHK Tokyo feeds

Telstar 301
ABC using Leitch encryption system

Galaxy 3
12 - The Barker (for Pay-Per-View programs)
23 - Comedy Central VC2 planned

Galaxy 6
19 - Helen TV from St. Lucia here from XPDR 21
same times EDT

Spacenet 3
21 - QSO - Amateur Radio on Subcarrier

Telstar 302
5, 9, and 21 VC2 are new testing service
called HBO 2 , HBO 3 and Cinemax 2

Satcom4
12 - International Channel - VC2 - planned
17 - Shop-At-Home
24 - Infonet Channel of Home Shopping Club
22 - Deep Dish - occasionally

Galaxy 2
WHP lottery feed varies

Satcom 2
OMIT 2, 4, 17, 18 and 22 - Denver stations to C1 as shown

Spacenet 2
3 - WorldNet here from 21
10 - Galavision Europe feed - Omit PAL format now NTSC

PanAmSat

Ku
move NKH primary service from 1 to 14
4 - TVB - Belgrade, Yugoslavia in NTSC in evenings
begins with English language newscast/Radio Belgrade
local service is carried live on Subcarrier.
On the C side
10 - HBO Ole - MAC - Spanish Latin American Service
21 - Not necessarily Panamerican Television from Lima,
but ID's as SUR - Channel of Channels and in the
evenings carries newscasts from Televen Caracas,
TV Nacional de Chile, Aggentina and others in NTSC.
Audio Subcarrier remains the same.

SCI-FI CHANNEL plans to commence soon possibly using
Satcom 4 - but vacant XPDR onF3 would seem possible here.

America's Talk TV was to have debut in September, but be
darned if I've seen it.

That's all for this time - see you in 30.
73's

Gregg

oops - just in - Turner Television plans an Animation
Channel - details pending

1992 CONVENTION HOST NEEDED!

A VOLUNTEER IS NEEDED TO HOST WTFDA'S 1992 CONVENTION. IF YOU'VE EVER THOUGHT ABOUT HAVING THE CLUB'S ANNUAL GETTOGETHER IN YOUR HOME TOWN, NOW'S YOUR CHANCE TO OFFER YOUR SERVICES AS HOST. IF YOU WOULD LIKE TO HELP, WE NEED TO HEAR FROM YOU **IN WRITING**. A PHONE CALL, FAX, TELEGRAM, ETC. WON'T BE ACCEPTED--IF YOU ARE SERIOUSLY INTERESTED, A SIGNED NOTE OR LETTER FROM YOU, TO THE WTFDA BOARD OF DIRECTORS, IS REQUIRED. THE DEADLINE FOR BIDDING IS NOVEMBER 20. IF MORE THAN ONE BID IS RECEIVED, THE DECEMBER ISSUE WILL CONTAIN A BALLOT FOR A MEMBERSHIP VOTE TO CHOOSE THE WINNING SITE...AND IF ONLY A SINGLE BID IS RECEIVED BY DEADLINE, THAT BID WINS.

WTFDA BOARD OF DIRECTORS - P.. BOX 514 - BUFFALO NY 14205-0514

NORTHERN FM-DX

GREG CONIGLIO
5100 GLENWOOD DRIVE
WILLIAMSVILLE, NY 14221

For DXers in: MA,NH,VT,CT,MA,RI,NY,PA,NJ,OH,MI,IN,IL,WI,MN,IA,NE,SD,ND,MT,WY,ID, WA,OR,AK,Canada

NOVEMBER 1991 ⇨ DEADLINE: The 5th ⇨ LOG CUTOFF: 2 months from when mailed

News in this month's column: Most considered September to be a very poor trops month, the opposite of last year. The big news has been the late season e-skip opening on August 23 (with some on the 22nd too), which was heard by many. Also, the Perseids meteor shower was very active the afternoon of August 12, giving several DXers some new catches. Some tropo on August 25 as well. Plus, Mike Bugaj gives filter advice for Carver TX-11 owners. Let's hear from you next month!

JERRY MONROE - 3135 FALLS ROAD - MARCELLUS, NEW YORK 13108

JUNE 1991 DX

8 Es

1015 WAYJ 88.7 FL Ft.Myers, Rockin' Christian Radio, in for over an hour

13 Au

0050 WWBB 100.3 NC Winston-Salem, "Greatest hits of the 60s,70s,80s, and 90s", distorted, to N

13 TrS

0015 WKSZ 100.3 PA Media, with Kiss 100 ID

0145 CIRO 99.7 PQ St. George de Beauce, mixing w/aurora, French Cajun Rock

14 Tr

2300 CJBX 92.7 ON London, BX93, renegrade k

25 TrS

0405 WPKN 89.5 CT Bridgeport, "Listener Supported", 10 kw with progressive rock.

JULY 1991 DX

12 Tr

0345 WHUG 101.7 NY Jamestown, "Huggin Cntry" Good signal, WSCP at low power. WECQ off.

0400 CKNX 101.7 ON Wingham, "Coast to Coast Network", and "Broadcast News" good signal

0413 WENU 101.7 NY Hudson Falls, MOR station

0430 WBAZ 101.7 NY Southold, calls, weak

0435 WAVT 101.9 PA Pottsville, T-102,nonstop mx

19 Es

Must have gone fishing, too bad!!

AUGUST 1991 DX

18 Tr

0620 CFLG 104.5 ON Cornwall, EZ 104.5. WKFM phased out. Hurricane Bob moving up east coast

0700 WNMB 100.1 MA N.Adams, easy listening

24 Tr

0800 WIZN 106.7 VT Vergennes, very strong all morning, had them on car radio when I went down the hill to the mall!!

29 Tr

0640 WWWW 106.7 MI Detroit, W4 country

SEPTEMBER 1991 DX

5 Tr

0200 WNYE 91.5 NY New York, "Non stop Carribean mx and African music", calls

0210 WFUV 90.7 NY New York, heard easily after CBOF open carrier phased out

0220 WSLU 90.9 NY Malone, 200 w // WSLU 89.5

0300 WBUR 90.9 MA Boston, 7.2 kw, CNN news and big band music

0310 WMHR xltr 90.9 towards Rochester "how many do they need and where is it" (Jerry, there are in Lima, New York-gc)

90.9 is very, very quiet here these days!!!

KDAL 610AM
96 LITE FM
425 West Superior St., Duluth, MN 55802. (218) 722-4321

Sorry to have missed convention, big news here was arrival of Lucas Carl on 5-30-91 (Congratulations-gc), thus my availability of free time is greatly diminished. (Though getting up at 3AM to change diapers has allowed for some prime time DXing). In other news: 103.5 in Newark,NY puts in strong signal here of course it is downhill to their tower, rock and roll format (stereo), trying to get a piece of that market I guess. 101.5 in Homer (30 miles) away heard okay but not very strong, and they do not ID very often. Also, I have been playing with a low noise preamp after a bandpass filter for my car radio. Good results noted with the "MMIC" device. I can actually hear meteor pings on clear channels ("What will be next?" says my wife) Besides that, everything else is okay; still looking for that big great lakes trop opening sometime soon. Best 73's, Jerry

MARK STRICKERT - 3852 N. OCONTO - CHICAGO, ILLINOIS 60634

August 26: 89.3, WNUR had a rare silent period, caught WDLM East Moline, Illinois, WGNB Zeeland, MI and WPNE Green Bay WI. WDLMfm and WGNB both Moody Bible Stations, but both were local at the time, not // WMBI or WMBI fm, though WGNB was simulcasting WGNR Grand Rapids MI. WPNE sounded like they were coming out of NPR "Morning Edition", with typical Wisc. Public Radio-type legal ID time. Oddly, no sign of WKKC (sign on after 8am perhaps?).

90.5 dominated by WNIJ Rockford IL since their late April sign on. Former regular WKAR East Lansing has also had problems here from WPHN Gaylord (religion). WNIJ runs NPR news shows, jazz, and BBC news late evenings. Shares a nice new facility with WNIU 89.5 on the Northern Illinois University Campus in DeKalb, at 801 First St., just north of WLBK/WDEK and a few blocks south of WDKB, all most convenient.

(Correction from last month: Mark's "Radio Central" is available for $5.00-gc)

JIM RENFREW - 61 WILCOX STREET - ROCHESTER, NEW YORK 14607-3832

JULY 30 TrS
1456 CITE? 107.3 PQ Montreal, short French burst under WRCK and WDBA
AUGUST 1991 DX
1 Tr
1606 WMXE 103.7 PA Erie, Mix 103 IDs
August 9 Tr
1020 WNJA 89.7 NY Jamestown, // WNED 94.5 WITR off the air
12 MS
While driving in Brockville,ON lots of unID bursts during meteor shower peak.

Note re 7/2 report: KCRB Bemidji confirmed by station, 91.1 KCCM Moorhead MN also confirmed, as KSJN St.Paul is MPR music not MPR talk, according to MPR guide from KCRB

DAVID BRUMFIELD - 1618 CHESTER BLVD - RICHMOND, INDIANA 47374

Equipment: Akai ATV04 (mod w/150 filters), Winegard antenna at 35 feet

JULY 1991 DX
1 Es
1300-1417 FL with many frequencies in
1312 WBGF 93.5 FL Belle Glade
1342 WRGI 93.5 FL Naples, m, G-93
1350 WAYJ 88.7 FL Fort Myers, g$
1417 WMCU 89.7 FL Miami, g$
3 Tr
0042 WLQI 97.7 IN Rensselaer, r, Q-98
0830 WLUJ 97.7 IL Petersburg
0848 WHRZ 97.7 KY Providence (WOXY,WTGN,WSDM broadcasting as usual)
5 Es
0845 KHOY 88.1 TX Laredo, m$, Spanish
8 Tr
0022 WDVE 102.5 PA Pittsburg, Here in Greentree (WMDH off the air)
8 Es
1056-1435 TX,NM,OK
1056 KQIP 96.9 TX Odessa-Midland, ro, 92 Gold
1100 KMTH 98.7 NM Maljamar, $
1131 KRLBt 99.5 TX Lubbock, r$, B99
1133 KTXTt 88.1 TX Lubbock, c$
1140 KNFMt 92.3 NM Portales,The Basin
1145 KENW 89.5 NM Portales, $
1200 KJAK 92.7 TX Slaton, $ "100-k"!
1203 KBIM 94.9 NM Roswell
1205 KBSTt 95.3 TX Big Spring
1208 KVRP 95.5 TX Haskell-Abilene
1215 KXXK 105.5 OK Chichoska, tx$
1217 KCHX 106.7 TXMidland-Odessa,Foxy 106
1220 KYMI 107.9 TX Los Ybanez, r$
1223 KCRS 103.3 TX Midland-Odessa, k$
1242 KKHR 98.1 TX Anson-Austin, ro
1245 KTLCt 99.7 TX Tye, Abilene 99 FM,$
1246 KORQ 100.7 TX Abilene, The Q-Line
1312 KZPY 106.3 NM Los Lunes, k or r
1314 KSEM 106.3 TX Seminole, k
1332 KRPT 103.7 OK Anadarko, k
1352 KTXT 88.1 TX Lubbock, r (Many unID in opening)
18 Es
0924 KENW 89.5 NM Portales, $
0947 KWBI 91.1 CO Morrison-Denver, g$ Colorado Christian University
1000 KSYYt 95.7 CO Denver
1053 KBCO 97.3 CO Boulder, r$
1104 muf 107.9
1129 KYCS 95.1 WY Rock Springs,Green R
2026-2041 unID 90.1 SS$

JULY 19 E-skip
1200 unID 88.1 news, g$, SS
1212 KSTX 89.1 TX San Antonio, nx$
1643 WCMQ 92.3 FL Hialeah-Miami. SS$
1757 WNGS 92.1 FL W.Palm Beach j$, Lite 92
1805 WZZR 92.7 FL Stuart, Z93, r$
1932 WAOA 107.1 FL Melbourne, s$, 107 AIA
1935 WQBA 107.5 FL Miami, ads, Super Coo
1938 ??? 104.5 BAHAMAS Nassau, $
22 Es
0823-0829 unid 88.1 Spanish
25 GW
1024 WTRJ 96.9 OH Troy, ro$
25 Tr
2153 WWWQ 102.3 KY Glasgow, All Hit Q105
30 Es
1241 WCTQ 92.1 FL Venice, $
1243 WOLZ 95.3 FL Fort Myers-Cape Coral,$
1252 unID 107.7 CU, l, reggae EE, SS "Cuban Cultural Fund", "Cuba", SS also noted on 88.9 m, 92.1 fl tx, 95.1 c tx, 98.1 rl tx, 98.7 jl, 100.7, and 102.9 l tx
1255 WOZN 98.7 FL Key West, ro$,classic r
1302 WJIS 88.1 FL Bradenton, g$, Joy FM
1304 WIIS 107.1 FL Key West, rm$
1400 WKRY 93.5 FL Key West, r$, Key 93
31 Es
1459 WQCS 88.9 FL Ft.Pierce, c$
1502 WNGS 92.1 FL W.Palm Beach, Thunderstorm (Note-In at same tima WDJT mentioning 'West Palm Beach' in NPR nx!)
1504 WAFG 90.3 FL Ft.Lauderdale, $
1505 WCMQ 92.3 FL Hialeah-Miami, SS$
1517 WZZR 92.7 FL Stuart, $
1518 WTMI 93.1 FL Miami, c$
1520 WOLL 94.3 FL Riviera Beach-Boca Ration, "Oldies 94.3", ro, ph#
1530 WKGRt 98.7 FL Fort Pierce "The Gator" new non ID (yes-gc)
1532 WLRQ 99.3 FL Cocoa, Lite Rock 99.3 FM
1538 WHYI 100.7 FL Ft.Lauderdale, Y100
1539 WHLG 102.3 FL Jensen Beach, $
1541 ??? 104.5 BAH Nassau$ Giving Birthday greetings
1544 WWUSt 104.7 FL Big Pine Key, ads
1550 WQBA 107.5 FL Miami, SS
1558 WIRK 107.9 FL W.Palm Beach, k$
1645 WMGF 107.7 FL Mt.Dora-Magic, $
1646 WJQY 106.7 FL Ft.Lauderdale, Joy 107
1706 WJXR 92.1 FL Maccleny, on GE Superradio with whip

DAVID BRUMFIELD'S REPORT CONTINUED

July 31 Es cont
1721 WXXL 106.7 FL Leesburg, XL 106.7
AUGUST 1991 DX
8 GW
0151 WCEZ 107.9 OH Delaware, m$
8 Tr
0951 WFTM 95.9 KY Maysville,k, mono
1017 WRMX 96.3 TN Mufreesboro,Oldies 96.3
13 GW
2240 WNLT 104.3 OH Harrison, g$, Testing
14 MS
04?? KANU 91.5 KS Lawrence, j

August 23 Es
1730 KNLE 88.1 TX Round Rock-Austin, g$
1741 KSRR 92.9 TX San Antonio, r,new calls
1755 KTXN 107.5 TX San Antonio,$,SS-EEmx
1806 KGSR 107.1 TX Bastrop-Austin
1805 KWHI 106.3 TX Brenham
1807 KMIQ 105.1 TX Robstown,sr$ Magic 105
1808 KIXS 107.9 TX Victoria, Kicks 108,$
1816 KQUE 102.9 TX Houston, $
1819 KLOL 101.1 TX Houston
1821 KMKS 102.5 TX Bay City,$, TV nx simul
1825 KBFM 104.1 TX Edinberg, $, B-104
1826 KHCB 105.7 TX Houston
1830 KBOR 106.3 TX Mercedes-McAllen, $
1831 KCGRt 105.5 TX Portland-Corpus Christi Victory 105
24 Tr
0807 WGSL 91.1 IL Loves Park-Rockford, g

GUS MANCUSO - 5615 INWOOD ST - CHEVERLY, MARYLAND 20785

DXing from Atlantic City, New Jersey. Equipment: Pioneer SX-40 and Radio Shack plain rabbit ears. Did not use Radio Shack DX440 due to its imaging problems. Stayed on 20th Floor of Claridge, to NE

SEPTEMBER 1991 DX
10 Tr-TrS
1614 WXPN 88.5 PA Philadelphia, ex 88.9
1630 WVIL 98.7 NJ Vilas, new since last trip here in 1989, $
1642 WWFM 89.1 NJ Trenton
1655 WRIU 90.3 RI Kingston
1656 WBJB 90.5 NJ Lincroft
1659 WFMU 91.1 NJ E.Orange
Nothing new found between 91.3 and 96.1, but...
1708 WNTX 96.3 MA Nantucker, in full stereo, did everything with rabbit ears except wear on head but still couldn't pull in WQXR (Sounds like what WNTX did to me at Ocean City MD-gc)
1709 WCTK 98.1 MA New Bedford, no WOGL$
1710 WPLM 99.1 MA Plymouth, no WAWZ
1712 WQRC 99.9 MA Barnstable, $
1714 WOTB 100.3 RI Middletown, $, over Philadelphia and New York
1724 WFAL 101.1 MA Falmouth, same
1731 WKCI 101.3 CT Hamden
1740 WBAZ 101.7 NY Southold
1741 WCIB 101.9 MA Falmouth, $, o/WQCD
1747 WPXC 102.9 MA Hyannis
1750 WFME xltr on 88.9?? Any suggestions? (Gus, this is full powered WFRS Smithown-gc)
1800 WKCR 89.9 NY New York
1810 WIOF 104.1 CT Waterbury
1811 WKPE 104.7 MA Orleans (WENT TO DINNER)
PIPELINE TO NEW ENGLAND WEAKER NOW
1953 WQSR 105.7 MA Catonsville
1954 WMXN 105.3 VA Norfolk
1956 WHCN 105.9 CT Hartford
1957 WBLI 106.1 NY Patchogue
1957 WMJX 106.7 MA Boston, longest catch
2000 WWHB 107.1 NY Hampton
2015 WNSR 105.1 NY New York
2017 WCMS 100.5 VA Norfolk
2019 WSKR 102.7 NJ Petersburg, new station, all sports and sports talk, NOT stereo
2020 WYNY 103.5 NY New York, first adjacent scored here
2030 WFCC 107.5 MA Chatham
2036 WWLI 105.1 RI Providence
2059 WNYE 91.5 NY New York
2100 WMCX 88.9 NJ Long Branch, blocked by old WXPN frequency
2101 WRSU 88.7 NJ New Brunswick (Rutgers)
2122 WSOU 89.5 NY South Orange
2126 WXTR 104.1 MD Waldorf
2144 WHFM 95.3 NY Southampton, another adjacent, bless those filters
2150 WMYA 96.1 VA Cape Charles
2155 WCEI 96.7 MD Easton, adj #3
2205 WAWZ 99.1 NJ Zarepath, adj #4 if suburban Pleasantville included
2305 WIYY 97.9 MD Baltimore, tough null on WSKQ
2339 WBAI 99.5 NY New York, adj #5
2341 WHTZ 100.3 NJ Newark
11 Tr
0015 WEBE 107.9 CT Westport, WFSI off
Not sure what caused the duct into Rhode Island and Cape Cod. Cool front approaching from NW, but enhancement started breaking down while front was still quite distant (Mid. PA?) and receptionin other direction (SW) only normal. (Sometimes turbulence can extend fairly far ahead of the front-gc)
2259 WGBH 89.7 MA Boston
2300 WJLK 94.3 NJ Asbury Park, WWOC null
2300 unID 107.1 WNEW-FM (Gus, this is WWHB again, in a permanent LMA with WNEW-FM to simulcast them on Eastern Long Island-gc)

GUS MANCUSO's REPORT continued.

SEPTEMBER 1991 DX
11 Tr
2355 WVIA 89.9 PA Scranton
12 Tr
0003 WAVA 105.1 DC Arlington
0630 WAMC 90.3 NY Albany, "best" catch
0635 WWYZ 92.5 CT Waterbury, equal strength with WXTU
0638 WMGS 92.9 PA Wilkes-Barre
0640 WRTN 93.5 NY New Rochelle, "Babe Ruth Came out to Westchester Co. and bought a car from my granddather at..."
0653 WHUR 96.3 DC Washington
0710 WHVY 103.1 MD Grasonville
0711 WWMX106.5 MD Baltimore

KEEP AN EYE OUT, DON'T LET ANOTHER THANKSGIVING TROP-FEAST GET AWAY!

Brings total to 158 for four trips here. Was first time ever staying on NE side of a hotel. Imaging in noticeably less on this side, all easily nulled. Got another 79 "re-logs". Also, of which WXKS Medford,MA was longest. Best freq: 107.5, with 4 including WFCC added this trip

dBRUCE HALL - 5 STIRTION AVE - BRANTFORD, ONTARIO CANADA N3T 1E2

Equipment: JVC JRS201 receiver (mod w/3 150 khz filters), Magnum Dynalab 205 signal sleuth, probe 9 fed with RG6 at 50' AGL, Crown Rotor, note **phasing used with rabbit ears and 75 ohm RS Variable attenuator

AUGUST 1991 DX
26 Tr
0716 WRMM101.3* NY Rochester, rm, Warm 101.3 John Lennon "Imagine", CKOT phased 192(km)
27 GW
0741 CHRY 105.5 ON Toronto, rs$, "What's worse than waking up to music you could fall asleep to ? Now tune into CHRY 105.5 FM on Thursday morning for the wake up call", first time hrd in $, 50 wts 80
SEPTEMBER 1991
1 TrS
2304 CBLY* 92.3 ON Haliburton, tm CBC, ID gave with CBOD 89.3 Maynooth & CBLV 600 Bancroft 276
6 Tr/GW
0642{CJMJ} 100.3 ON Ottawa, r, Majic 100 447
0700{CJXY} 95.3 ON Hamilton, r, Y95 ex CKDS "New Y95, one week old today", y/l reluctantly gave out new calls over the phone. Strict 40
0755{CKLW} 93.9 ON Winsdor, ro, ex CKMR "Dick Hilderband and CKLW 20/20 news" After nx old AM Motor City jingle sung out. Also in use ment of BIG 8, Million Dollar Weekend and the Legend. Boy what a pleasant flashback to the 60's!! All we need is KB radio to make it complete Greg? (Yep, that sure would be nice Bruce-gc) 255
0900 WMJQ 102.5 NY Buffalo, soft top 40, Q102 "The new Q102, 102.5 FM, the best hits without the hard rock and rap". New jingle 115

SEPTEMBER 7 Tr
0859 CJAM 91.5 ON Winsdor, pr&e, C-JAM Street of Pakistan show, with ment phone number 258-6397, most wanted, 29 watts! 253
8 TrS
0900 CJQM* 104.3 ON Sault St Marie, k, Q104 IN the NORTH program, WOMC phased 506
10 Tr
0802 WRKU 95.1 PA Grove City, r, 95 K-Rock new non ID, ex The Wolf and CD106 230
12 TrS
0653 WJFM 93.7 MI Grand Rapids, ro "Classic Hits 93.7", lcl s "west of US131" 437
17 Tr
0748 WQKX* 94.1 PA Sunbury, 94KX, r, Tommy James music, phased out CBL Toronto 568
19 TrS
0743 WAQX* 95.7 NY Manlius, rp, 95X, after mx by Animals song, "Official radio station for SU's homecoming", Phased out WPIG and CFJB 345
20 TrS
0807 WASH 97.1 DC Washington, m, Easy 97.1 calls sung out, song "The Living Years" 552
21 TrS
0942{WKLZ} 98.9 MI Petoskey, r, ex WJML // WKLT 97.5 Kalkaska. "This is Northern Michigan's R & R stations, WKLT 97.5 & WKLZ" 455
22 TrS
0852 WKXW 101.5 NJ Trenton, ot, New Jersey 101.5 "New Jersey 101.5 Wanna be Wonder Weekend" 566

September 6th brought me the best enhancement of Michigan ever experienced. Most Detroit stations were local in stereo. Especially convienent for Sam Brown of UPI who was visiting and hoped that I could receive the Motor City. We had four tape machines rolling on different stations for his collection. CKLW old jingles and 89X music format drew the most interest (Their new format does sound very interesting-gc) Sam helped me set up m;y phasing equipment which has helped catch the odd difficult one. Two outdoor towers would help a lot more I'm sure. Most happy with snagging CJAM 91.5 Winsdor's 29 watter. I've tried for 1 1/2 years to catch this one. Closing in on 500 logged so far. Should reach milestone, or is it kilometerstone, by the end of the year. Hope others caught the strong Michigan opening (I missed it at home, but noticed on the car radio-gc), 73 dB Bruce Hall

STATION NEWS: KBMA 99.5 in Bryan, Texas in on the air with a Spanish format. WPHD in Tioga, Pa. is now on 94.7 (Thanks Dave Nieman) WBNE 95.9 in Benton,Pa. has gone to WZZC and "Z95", classic rock format, 99.3 in Williamsp Pa. has dropped country for album rock.

WELCOME NEW REPORTER!

MIKE REID - 1408-65 SPRING GARDEN AVE. - NORTH YORK, ONTARIO M2N 6H9

Equipment: Akai AT-V04, with twin lead dipole on 19th floor

JUNE 1991 DX

7 GW

2115 CKIE 99.1 ON Toronto, FF, mr$, "Quatre-Vingt dix-neuf un FM". Temporary station on for "Francophone week". 30 w at about 50 mAG from apartment north of Eglinton Ave and Don Valley Parkway. Heard in Brantford.

19 Tr

0105 CBOF 90.7 ON Ottawa, French

JULY 19 GW

0745 CIEX 91.9 ON Toronto, Molson Indy Stn, mono, Temporary station July 19-22, 10 watts from top of CNE Grandstand at Exhibition Park

AUGUST 25 Tr

0955 CJMJ 100.3 ON Ottawa, r$, Magic 100, owned by Rawlco Communications

0955 CBF9 91.9 PQ Mont-Laurier, French

1100 WNBI 89.1 IN Fort Wayne, promos

1220 CBO 91.5 ON Ottawa, classical

Don't FM DX as much as I used to. Checked 8/25 during good TV opening to west. I was surprised to be getting Ottawa so well. CJMJ was lighting 3 (of 5) LED's (CBOF and CJMJ seem to get out very well-gc). Considering that I was getting Milwaukee on TV, there was a nice east-west path for somebody. Since the Molson Indy will have a station every year, I'm counting CIEX as a relog of last year's CJLX. This could be counted as new each year, as the license is good for each appearance. After a few years my list for 91.9 would look a little odd, to say the least. Locally: Applications for 99.1 Toronto were being accepted as of Sept. 5. Rawlco has asked for a six month extension to get 92.5 Toronto on the air. Rumour has it they are going to try for 99.1. CIRV 88.7 went to 250 watts sometime before early May. In Charles Gauthier's Cuban report, the Jamaican net IRIE is phonetically written as "Airy". This was not meant to rhyme with "merry". In some FF words "ai" is pronounced as "eye", so he didn't hear it wrong. Anyway, I note that CBO and CBOF are in more often than I thought they would be. (Same here. CBOF 90.7 often overrides semi local WGCC even on the car radio-gc). 73's Mike

MIKE BUGAJ - 69 SHERMAN RD - ENFIELD, CONNETICUT 06082

Equipment: Carver TX-11 and Sherwood receiver with 150 khz filters, Probe 9 about 30 feet agl. New loggings are underlined.

AUGUST 1991 DX

1 MS

2239 WMC 99.7 TN Memphis, "Fm 100"

4 Tr

1918 WTIC 96.5 off the air for the first time in ages. Heard Philly and another gospel type station which is probably needed WPEL

9 Tr

0645 WCDA 96.3 NY Voorheesville, CD96 your compact dics stn (weak!0

10 MS

1253 CJYC 98.9 NB St.John, heard while semi-listening to WCLZ, "St.John High School"

2055 WDJX 99.7 KY Louisville

12 MS

1221 WMC 99.7 TN Memphis "FM 100, the right music mix"

1222 WYNG 105.3 IN Evansville "The country cruise from WYNG"

1255 WIMI 99.7 MI Ironwood, freq + calls

1310 WJMI 99.7 MS Jackson, "..JMI.."

12 Tr

2043 CJMJ 100.3 ON Ottawa,Magic 100

2323 WIBQ 93.5 NY Remsen, B 93-5 FM

17 Tr

0900& 2100 coastal trop: WQSR,WRDR,WMXN WKRE, and WZBH

24 Tr

2330 WZZM 93.5 NY Corinth, easy listening

SEPTEMBER 1991 DX

2 Tr

2000 WQSR 105.7 MD Catonsville, oldies

2023 WFRB 105.3 MD Frostburg, k

9 Tr

1300 WQKX 94.1 PA Sunbury

2037 WSRF 105.7 NC Columbia,Surf 106

12 Tr

0647 CBL 94.1 ON Toronto, c

0650 unID 104.5 The All new C-104.5 Is this CHUM? (no-gc)

13 Tr

1746 WSKR 102.7 NJ Petersburg, "Sports Radio 102-7" directly in line with WNEW and hitting them real bad at times. Haven't been able to hear the calls (WSKR, Mike-gc)

Some comments here: 1. What lousy tropo months August and September have turned out to be. What tropo I did get (WFRB,CBL) were real weak. This has to be the worst in years! 2. In case you didn't notice, the Perseids peaked on the 12th of August from 1100-1300, not around 0100 like the TV stations said it would. Lucky I was home on a rare lunch break and even luckier that Bill Nollman called and told me about it! 3. For Carver TX-11 owners, a little experiment you could try with filters if you want. First, put your original old filters back in F101 and F102. Then stick 150s in F103 and F104. Then either put a 110 in F105 or put two 150s wired in series into F105. If you have the same results as me you should notice the best selectivity, good sound, and your signal LEDs should be much more normal. There may be a tad more distortion using the two 150s in seris than the 110 on weak signals. NOTE: This does not work on TX11A tuners as the circuitry is different (we tried it). Good luck!

Bill Nienajadly (Dude from Joisey) PO Box 2999 Clifton NJ 07015-2999 201-478-3044

Pioneer TX-9800 modified with TWO-180s and THREE 150s, Audiovox Car radio mod w/TWO-150's and AFC defeated, GE Superadio w/110 filter. 6 element Radio Shack ant at 80 ft w/rotor and 10 db post amp.

7/18/91 ES 1814 WFLZ 93.3 Tampa, 1816 KKNG 92.5 OKC,OK (another split opening), 1819 WYUU 92.5 Safety Harbor FLA, 1838 KEEM 92.1 Commerce TX

7/19/91 ES 1730 WDDQ 92.1 Adel GA-Travelers Information Service "Exit 10 I-75 in Adel" in $ 2014 GULF Area pests..WDJX 96.9, WBLX 92.9, Mix 95.7 Ph # 260-9595 also possibly new WFSY 98.5 Panama City FL. "Classic Oldies 98.5.".Am I correct on this one? 2035 WTBB 97.7 Bonifay FL, 2039 UNID 102.9 "Rock 103" ment: LAKEWOOD AMPITHEATER I belive this was a AOR not classic rock station..Can anyone help on this one.... 2044 WEBZ 99.3 or WEEZ not sure.. could be WEEZ Heidlburg Miss tent... 2100 Oh Yes! I love this one! WILN 105.9 Panama City Florida clear over 12 mi local WNWK Newark! 2106 WGPC 104.5 Albany GA (very rare)...2112 WAAC Valdosta GA with mentions of Adel GA & C-92, 2130 UNID 97.7 " July 20 At the Waycross Motor Speedway -don't miss the Budweiser Bash 100...", 2134 WCWB 101.7 Trenton FL.."Swanee River Country" heard with calls, 2141 WOLZ 95.3 Ft Myers FL,..Plus other ES Florida pests like Miami area 96.5,95.7 Se Habla Espanol, Yawn, again, WYUU 92.5, WRXK 96.1 FL.

7/22/91 ES A VERY WELCOME OPENING! Something other than the GULF! Minnesota & other areas 1723 KKEG 92.1 Fayetteville ARK, then to Minn areas (Hi Bruce!) ...1730 UNID 91.7 mentions ST Paul & Twin Cities ...I doubt highly that this is WMCN at 10 watts!!!! 1732 KWOA 95.1 Worthington MN "KO 95" , 2143 WMEQ 92.1 Menomonie WI ID was not heard..but they did ment 2 nearby cities which check out..Eau Clair & Durand..... 92.9 UNID "WECL" WHO IS THIS?..HELP!...1749 Another UNID on 95.9 "Patty Loveless performing at Mission Creek" obviously a country station.. UNID on 94.5 ad for Communications West & Twin Cities ment,.....1804 KKWQ 92.5 Waroad MN "KQ-92 Minn -esota's Original Rock"

7/29/91 ES 2345 UNID 92.9 "Star 92", This might have been to the Midwest maybe IA or MN.....

8/26/91 TR 0615 WWMV 104.7 Haerstown MD -185 miles, 0626 Lancaster,York, Red Lion, Reading plus Gettysburg 107.7 all way above normal

8/27/91 TR 0700 WKGB 92.5 Susquehanna PA 131 miles , this starting to get common now!

Trop Summary from Late August to late September.....Binghampton to Norfolk, Eastern shore MD Boston, New Bedford MA, Hartford, Springfield MA, Baltimore, East PA etc....120-300 miles.

This season did turn to be below average, though I have seen much worse than 1991. The sunspot activity/solar flares were to blame, I belive. All in all I say this season was a stinker.

I did go to Dunkirk for the 1991 WTFDA convention and had a great time. I agree as others do that, TV DX is the best by far! FM at Dunkirk was very interesting, but alas, there are a lot of semi locals that crowd the band there. We modified some FM car radios and potables, we did comparison tests, and learned a lot in modifying various radios. For instance, on Bruce Elvings car radio, we had to pull off the entire bottom dash to get at the car radio. But in Bruce Hall -'s car, we just had to remove a face plate which just easily snapped out. If you want to mod- -fy a GM car radio, it IS easy really, but I recommend getting a TORX srewdriver. Many new cars these days are using TORX screws . Also a nutdiver set is another good idea to have. Thanks to Mike Wimer and Bill Nollman for lending us the tools to do the car radio mods.

How well, did the mods work? After modifying(Bruce)Elving's and Hall's car radios, they were able to get 96.3 CFMX-1 right next to super local Fredonia (the next town over) 96.5 WCQA and super strong WJYE 96.1 Buffalo. Oh yes, we used 150 khz filters in the car radios.

Another modification that I have done, is the elimination of AFC, In 14 radios that I have tried to eliminate AFC...I was only successful in 6 radios. Here should be a real easy one for you. Audiovox car radios..... after lifting the cover, look at the tuning capacitor area. Note the various wires going to the area, locate a green wire, this should be located toward the end of the tuning capacitor area nearest to the back. Snip the wire, and the AFC should be gone! If not, re solder the wire and retrace your steps. I do want to remind that if you are not sure with what you are doing (modifying radios, etc) then send it out to a repair shop or someone who knows electronics well.

Those who are looking for the Antennacraft antenna should be aware that Radio Shacks sell the Antennacraft 10 in Canada only for $59.95. And it is interesting to note that US Radio Shack's only sell the 6 element, where as the Canadian Radio Shacks only sell the 10 element.

Lastly,the only DX worth speaking of here in late September is the excellent F2 skip on 10 meters. On Narrowband FM in the daytime one can hear England and the rest of the UK talking to the US & Canada. Very Interesting! Lets hope for great fall trops! Goodxing!

ROBERT S. ROSS (VE3JFC) - BOX 1003 STN B - LONDON, ONT CANADA N6A 5K1

Equipment: Marante 2226B receiver, FM beam antenna

august 1991 dx

25 Tr

0107 CBO 91.5 ON Ottawa, ID: "Nat'l EE service of CBC from Ottawa & The Capital Rgn" National anthem and off the air @ 0112

0112 WCIZ 97.5 NY Watertown, "It's 63° in Watertown, 12° in Kingston", "CIZ" slogan

26 Tr

0035 CBON 98.1 ON Sudbury, "Ici Radio Canada", ment of Sudbury, CBC promos

august 28 Tr

2220 CKAT 101.9 ON North Bay, Blue Jays BB

SEPTEMBER 1991 DX

2 Tr

0156{CJXY} 95.3 ON Hamilton, "Classic Rock Y-95", ex CKDS, 60s,70s rockers

0230 CFRU 93.3 ON Guelph, alternative music Univ of Guelph station, calls, now 250 watts

2120 WSCM 96.7 OH Celina, "Mix 96.7" and mention of Sidney, Ohio

GREG CONIGLIO - 5100 GLENWOOD DR - WILLIAMSVILLE, NEW YORK 14221

Equipment: Carver TX11 tuner, (3 150khz filters) CM Probe 9 ≈ 25' AGL, CAC11 and RG6 coax,rotor

AUGUST 1991 DX

13 GW

1825 CJMJ 100.3 ON Ottawa, Magic 100 FM sign on here of new station, strong 224

17-24 In New Hampshire

25 Tr

0035 WFRN 104.7 IN Elkhart, g 374

0044 WLJE 105.5 IN Valpariso, k$, ads 431

0052 WLKI 100.1 IN Angola, r$, calls 330

0055 WZZP 103.9 IN South Bend, top 40 by C & C Music Factory, "Zip 104" 394

0057 WVPE 88.1 IN Elkhart, jazz$ in very strong over CKLN Toronto 374

AUGUST 30 Tr

1107 WAVR 102.3 NY Waverly, a most wanter unheard, thanks Dave! 129

SEPTEMBER 1991 DX

1 Tr (WPHD 103.3 on very low power)

1015 WCRF 103.3 OH Cleveland, g$ 189

10 Au

0000 WFMK 99.1 MI East Lansing, legal 290

11 Tr

2350 WKHO 99.1 OH Dayton, k$, K-99.1 361

2359 WTUE 104.7 OH Dayton, rp$, legal ID 361

OCTOBER 1991

1 Au 1730: very strong, full strength but no IDs

2253 WFMK 99.1 MI East Lansing, ID 290

SPECIAL REPORT: I was in Hampton, New Hampshire from August 17-24. Yes, during Hurricane Bob! We had to spend an entire day in a hurricane shelter, but thankfully there was only minor damage in Hampton. I hope no one along the east coast lost anything from this storm. Anyway, FM DX was fairly interesting, but not as much as Ocean City or Myrtle Beach. The farthest reception to the north was CBAF 102.3 Frederickton, NB one night only (the only Canadian heard). Boston and SE New Hampshire were local, and Worcester, Portland, and SE Mass/Providence were semi locals. All of my U.S. reception was limited to New England with the exception of four stations: WSKQ 97.9 NY, WQHT 97.1, WHTZ 100.3 NJ (with WHEB knocked off the air, WOTB and WKIT also heard), and WBLI 106.1. Surprisingly, very little Vermont was heard, only WZRT 97.1, WJJR 98.1, WEQX 102.7, and WVPR 89.5, all weak. Othe highlights: Upper Maine: WQCB 106.5 had a very good signal and scattered in frequently. You guys in S.New England and Jersey should try for it. That was the farthest north in Maine heard, down the coast WQSS 102.5 and WMCM 103.3 were both heard over their Boston counterparts; same with WTVL 98.5. Also heard WKSQ 94.5 and WWMJ 95.7 Ellsworth over WZOU and WZID right on the beach, but at the condo on the balcony no sign of this. WMME 92.3 made it in once over WCDQ/WLYT splash and WPRO. The strongest station overall from Maine was WBLM 102.9, by far. To the south, Hartford scattered in, especially at night. Springfield would show up on 102.1, and 97.9 occasionally. Heard WEZN 99.9 over the WQRC/WKZS mess once. WHCN topped WKRH once on 105.9. Had WWKX 106.3 RI one evening over both local WHOB Nashua and semi-local WPKM-ME which was also overriding WHOB. That was the only real strong opening: to Rhode Island (100 miles). There were a few enhancements into Maine. WWRX 103.7 had no trouble coming in over semi-local WZPK; the both of them prevented me from getting WKNE 103.7 at all, even though it was just 50 miles away. Oh, and I had 92.1 WMDK NH over semi local WCDQ, and WNNH 99.1 over WPLM-MA. Several times, an open carrier overrrode local WCQL 95.3 Cool 95.3. I would guess that this was WMBR Cambridge. WCME 96.7 ME, now country, was heard with local WWEM off. Best frequencies: 4 heard 100.3: (WHEB/WOTB/WKIT/WHTZ), 3 heard: 97.1 (WYOU/WZRT/WQHT), 99.9 (WQRC/WKZS/WEZN), 102.3 (WKXL/WQQY/CBAF), 106.1 (WCOD/WCDQ/WBLI), 106.3 (WHOB/WPKM/WWKX), 105.3 was the worst: completely dead, no splash or intereference, no sign of anything the whole week. I was hoping for Philadelphia. Back home, usually September is an outstanding month for trops, but this year it was horrible. About the only thing I have heard is aurora. Thank you Mike Cherry for sending in logos! Don't forget to check for trops. November can produce great trops, as we found out Thanksgiving 1986, what some consider to be the best opening ever. Last year there was also great trop Thanksgiving time in the northeast and midwest. So keep your ears and eyes peeled, the season may not be over yet!

:SOUTHERN • FM DX:

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075

DEADLINE: 14th

SOUTHERN FM DX is for reporters from: AL, AR, AZ, CA, CO, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT, and DC. Happy DXing and report soon!

FALL TROPS STARTING OFF SLOW.

Not much remarkable development in fall trops, so far. Openings have ventured little over 500 miles with most all staying will under that figure. To conclude the Es season, August had a couple or so good openings.

WHY DOES SAN ANTONIO GET SUCH HUGE AMOUNTS OF ES?

For many years DXers have viewed with fascination the consistently vast amounts of Es reports that have bounced out of San Antonio, TX. In 1973 while Glenn Hauser was down there DXing in the suburb of Von Ormy reported in with virtually six pages of Es. It's been said before that a good day of Es in San Antonio is down right exhausting. Throughout the 70's and 80's permanent resident Pat Dyer reported on Es in ~~dozens of pages~~ as the seasons came and gone. He became the top man for totals in the FM statistics ~~column~~ by far, effectively shooting down any notion out there that one must live in a small town well away from a large city to accumulate a vast log. San Antonio is at or near the 10 largest metro area in the U. S. Despite that distinction,station congestion must be lighter in San Antonio than in many other large metros. There is only one large metro area within 175 miles.Another important factor playing in is that the DXers mentioned were in the rare position of being able to spend quite a bit of their waking time in front of the dials. In the early years I was also in a similar position but for a few summers. My results with Es could not come near the amounts in San Antonio. Years ago one reporter who spent much of the season at home assured other DXers that they weren't missing much since conditions were so poor. I was tempted to go back threw past VUDs to find that comment and then see how many pages of Es were coming out of San Antonio but didn't. Still, why does San Antonio get so much Es? Well, my answer is based on what I call my "well stuffed doughnut theory" and goes like this. Take a doughnut a 1000 miles wide and center it on San Antonio. The inner ring of the doughnut would be 500 miles from San Antonio while the outer ring would be 1500 miles, representing a typical range for Es loggings. A study of the area the doughnut includes would suggest that San Antonio lies within easy Es range of large concentrations of stations in broad areas. The area between the Mississippi River and the east coast is quite a rich area from which to receive many stations via Es along with California. Then take the doughnut and center it on a east or west coastal city and in contrast one finds large areas where the potential for Es is wasted over very broad areas where few, if any, stations are to be found such as ocean water and central portions of the U. S. and Canada. So with that in mind in the future when we retire let's take long summer vacations in San Antonio and exhaust ourselves soaking up all the Es.

Doug Allen, w2crs, P. O. Box 5646 Woodland Park, CO 80866

Equipt.: Onkyo T4087 and various Pioneer tuners (all IF modified), FM-13 at 50 feet.

9/3 ms
1020 WIXT 98.1 AL Fayette "98 TXT"

9/4 ms & tr s
1100 WJO 98.1 MN St.Cloud,ID
1200 KSLT 107.3 ND Spearfish, g
1205 KNID 96.9 OK Enid, k
1230 KPNE 91.7 NE North Plate, "Nebraska Public Radio", multiple IDs on hour

9/6 tr
0608 K?NE 99.3 NE ? Nebraska Public Radio //88.7 and 91.7
0610 KEYN 93.7 KS Salina, k,full q,400 mi.
0615 KBRX 101.5 NE O'Neill, ID
0625 K?NE 90.3 NE ? Nebraska Public Radio //88.7, 91.7 & 99.3
0630 KWYR 93.7 SD Winner, ID,"magic 93" 425 miles
0648 KDSD 90.9 SD Pierpont, promo 576 mi.
0700 KVCX 101.5 SD Gregory, ID 420
0730 K215AN90.9 SD Sterling, KUNC ID 150
0738 K237AKt 95.3 CO Wray, poss. KQLS tran
0745 KVAY 105.7 CO Lamar, new CL ID 150
0750 KAAQ 105.9 NE Alliance, k "double AC country", local ads, o/strong local KKCS

9/6 tr
0815 K208BU89.5 WY Cheyenne, KWBI ID
0817 KMUS 101.9 WY Burns, Cheyenne's best country K-MUS 102", o/strong local KKCS

9/19 tr
0730 KJTY 88.1 KS Topeka, g 490
0732 KUDL 98.1 KS KC, ID 565
0735 KTPK 106.9 KS Topeka, ID 490 (strongest from eastern KS)

9/20 gw
0810 KBPI trans 103.9 CO /new strong translator peaks WNW

9/23
KCDC 90.7 CO Longmont, s/on with SSB "100 watts"

9/24
KWBI trans.89.1 CO?? Strong new translator peaks WNW. Translators sem to com and go frequently here in CO, sort of like musical chairs. I'm only counting the ones listed in ATLAS & VUD.

ALLEN's comments start next page.....

This endeth a very poor tropo season with a fair opening to SD on the 6th and a weak opening to eastern KS on the 19th. I'm hearing out to 400+ miles on tr s better than ever, with several regular 400+ milers rising above the white noise several times an hour, but enhancement beyond 600 miles has been virtually nil all year. Last year's final tr opening was 10/1, so I'm not optimistic about tropo until spring despite the unseasonable mild early October weather(only two snow storms so far this fall). We added 231 new ones this year ending with 971. The good meteor showers of 10/18-23 and 12/10-14 make our goal of 1000 for the year a possible, but difficult one, especially since we've rejoined the National Radio Club and will give AM DXing priority for a few months. And, of course, you can find us on any of the ham bands, 160 meters to 1296 mHz. Thanks to many of you for all the help with unIDs. And concerning unIDs, let's all support Matt Sittel's new column! Best 73.

Keith D. Pugh, 227 Martin St., New Hope, AL 35760

Equipt: McIntosh MR-78, Probe 9, RG-6 coax

8/8 tr-gw(WZYP off)
2144 WBBQ 104.3 GA Augusta, "the Q"
2155 WIDO 104.3 AL Eutaw, s, ID, $
2156 WGNL 104.3 MS Greenwood, s, ID
8/11 Es
1245 CKBW 93.1 NS Shelburne, r
1247 WZOU 94.5 MA Boston, r, ID
1249 unID 94.1 r,dj - "Candyman"
1250 WSRS 96.1 MA Worcester, ID
1252 WSSH 99.5 MA Lowell, ads
1253 WLYT 92.5 MA Haverhil, ad
1254 unID 103.3 Digby ad, "AVR",mono
1257 107.5 MUF
1259 WCGY 93.7 MA Lawrence, lcl.ref.
1301 WCQL 95.3 ME York Center,"Cool 95"
1302 WERU 89.9 ME Blue Hill, area concert listing. (Bar Harbor, Booth Bay)
1303 WHCF 88.5 ME Bangor
1305 CJYC 98.9 NB St. John, nx
1307 WCDQ 92.1 ME Sanford, "CDQ",ads
1312 WBLM 102.9 ME Portland, ID
1317 WWSS 101.5 NH Meredith, ads,Sunny 105
1321 WWMJ 95.7 ME Ellsworlth, o
1323 WWMR 96.3 ME Rulmford, g
1331 WIMS 96.1 ME Presque Isle
1332 WSYY 94.9 ME Millinocket, ID
1335-1353 FF unIDs
1359 CKRL 89.1 PQ Puebec, FF ID
1406 CJDM 92.1 PQ Drummondville, ID
1408 unID 96.3 "C-Show MF", FF

8/12 ms
1052 KFKF 94.1 KS Kansas, ad
1138 WROE 94.3 WI Neenah, ID, prev. Es
1424 WLVE 93.9 FL Miami Beach, prev. Es
8/23 Es
2043-2048 SS unids to 107.9, sudden f/out
8/28 Es
2045 JBC 91.1 Jamaica, $
2045 JBC 92.1 " ",//92.1, $
2047 JBC 97.3 , reggae mx
2049 JBC 103.9 , //97.3
2051 FAME FM 95.7 , $
2053 CUBA 93.5 Santa Clara, $
2110 R. Cayman t 89.9, $
2113+ R. Cayman t 105.3 //89.9, $ (strong)
gw
2114 WXKI 103.1 AL Moulton, k, X-103,$
2121 WKXX 102.9 AL Atalla, r, Kix 103, $
9/9 Es
1846 JBC 97.1 Jamaica, nx, $
1855 FAMEt 91.5 " "
1859 JBC 103.9 " ", $, //97.1
tr new to air
1934 WMXA 96.7 AL Opelaka,r, Mix 96, $
9/15 tr (WHMA off)
1100 WSSL 100.5 SC Grey Court
1103 WXUS 100.5 AL Fort Rucker, k, US-100, $
1633 WKEE 100.5 WV Huntington, ads,"100 KFM"
9/16 tr
1136 WJGA 92.1 GA Jackson, ads, ID
1150 WBUB 107.5 SC St. George,k,$,"Bubba 107.5"

John F. Combs N4SFS, P. O. Box 7581, Tallahassee, FL 32314

8/23 Es
1814 KTIN 92.1 MO Trenton 846
1821 KKYA 93.1 SD Yankton,ads,lake rpt 1124
1825 KWMG 93.5 NE Columbus, area ads 1054
1838 KHNE 89.1 NE Hastings, 1051
NE Public Radio
1828 KTSD 91.1 SD Reliance, SD Public 1254
1843 KWLY 93.7 SD Winner,area ads 1233
1848 KRGI 96.5 NE Grand Island,lcl ad 1068
1849 KXTR 96.5 MO Kansas City,ID 838
1908 KREP 92.1 KS Belleville,lcl ad 988
1909 KMOE 92.1 MO Butler,area obits 786
1916 KELN 97.1 NE North PLatte,ads 1180
1930 KKMG 98.9 CO Pueblo,lcl ads, over local! 1298
1932 KHAZ 99.5 KS Hays, KS wx 1036

8/23 Es
1933 KKCS 101.9 CO Colorado Springs, ID 1298
1936 KXNP 103.5 NE North Platte, ID 1180
1943 KKOW 96.9 KS Pittsburg,area ads 765
1945 KRZZ 96.3 KS Derby, ID 895
1947 KKRD 107.3 KS Wichita 909
1950 KVGB 104.3 KS Great Bend,ads,promos 991
1952 KRKS 102.9 KS Hutchinson,local ad 942
1953 KZSN 102.1 KS Hutchinson, area ads 911
1956 KZZD 90.7 KS Wichita, ID,"Z-91"
(ID from 1991 Broadcasting Yearbook.)
2001 KCMA 92.1 OK Broken Arrow, ID 783
2004 KBBE 96.7 KS McPherson, ID 936
2006 KANZ 91.1 KS Garden City,High Plains1073
2015 KOCK 95.5 KS Dodge City, area ads 1043

Only one Es opening to report, but it was a good one--summer's "last gasp", I suppose. I was thrilled to get the Colorado area over a 5 mile local!!

Gus Mancuso, 5615 Inwood St., Chverly, MD 20785

8/30 tr
2210 89.1 WVTF VA Roanoke
2212 106.9 WKDN NJ Camden, over usually stronger WAFX and WARX
2214 94.9 WPVR VA Roanoke, instead of WJQI
2220 104.9 WRDR NJ Egg Harbor
2221 107.7 WSNJ NJ Bridgeton
2229 102.1 WIOQ PA Phila. ,cont.....

Classic "cold front coming" enhancement, rec. strong along line in front of and parralel to cold front, from Atlantic City to central VA. Didn't get anything new, though. Would have needed these conditions around/just after sunrise to do so. Seems to be the cross we bare in DC.

9/7 tr
1000 105.7 WFMX NC Statesvile,tough rabbit ear null on WQSR

9/7 tr
1002 103.1 WCUL VA Cullpepper, had to null to get WHVY, opp. of usual.

Chester P. Royster, WB4OHC, RFD Box 223, Freeman, VA 23856

Equipt.: Pioneer TX-8100 tuner, stacked FM-13s at 25' and 18'
*Denotes stations received as a result of phasing.

9/17 gw EDT
1148 WMJK*102.9 PA Philadelphia 266
1146 WBSS* 97.3 NJ Millville 236
1150 WGCB* 96.1 PA Red Lion 230
247

9/19 gw
1105 WYAV 104.1 SC Conway 223
1132 WRJA 88.1 SC Sumter 250
1149 WLTR 91.3 SC Columbia 269
1150 WLGI 90.9 SC Hemingway 232
1205 WIOZ*107.1 NC Southern Pines 148
1224 WCIG*107.1 SC Mulling 198
1244 WZNS* 92.9 SC Dillon 190
1326 WYFG 91.1 SC Gaffney 252
1349 WVPB 91.7 WV Beckley 216

9/19 gw
1400 WSIP* 98.9 KY Paintsville 304
1420 WVAF 99.9 WV Charlestown 247

9/20 gw
1040 WRFX* 99.7 NC Kannapolis 189
1102 WKQB*107.5 SC St. George 301
1145 WBT 107.9 NC Charlotte 210
1150 WZZB 95.1 NC Charlotte 210
1206 WMXC 104.7 NC Charlotte 210

9/23 gw,tr
1110 WDSD* 94.7 DE Dover 209
1150 WLAN* 96.9 PA Lancaster 247
1329 WYHY*107.5 TN Lebanon 486

9/28 gw
1342 WJWJ* 89.9 SC Beaufort 348

The stacked FM-13's work well for long path reception (100+ miles). The only short coming is its wide beamwidth. Many thanks to Andy Bolin for some horizontal stacking information. 73's, Good DXing & phasing.

Doug Smith, 14 Brookside Court, Nashvile, TN 37209-4503

Equipt.: Technics ST-G50, dipole at 2 feet.

8/18 trs (see note #1)
1700 WMMS 97.5 MS Oxford, k 180

8/23 Es
1830 XET 94.1 NL Monterrey, SS, m,
other unIDs: English on 89.7, 92.5, 93.9 94.5 96.7 96.9. Spanish on 88.1, 88.3, 89.9 90.1 92.5, 96.1, contin. cl on 88.5.

9/3
2235 unID 89.9 ?? Someone in Spanish heard while driving home from work. Car rx is analog, so freq. could be off, rel.
2300 WKLS 96.1 GA Atlanta, rp 210

9/4 tr
0015 WEKH 90.9 KY Hazard 205
WCKO 94.1 AL Carrollton, 200
WSTR 94.1 GA Smyrna, rm 210
WLAP 94.5 KY Lexington, r 180
WPCH 94.9 GA Atlanta, rm 210
WNDA 95.1 AL Huntsville,g 100
WHLP 96.7 TN Centerville, k 50
(See note #2)
0055 WKXJ 97.3 TN South Pittsburg,r 100
WEZK 97.5 TN Knoxville, mr 160
0101 WZBQ 102.5 AL Jasper, r 180

9/4 tr
0101 WCOZ 96.9 KY Paris,r(note #3) 190
0135 WSB 98.5 GA Atlanta,rm(note #4)210
0145 WBAM 98.9 AL Montgomery, o 255

9/13 tr
0710 WAFR 88.3 MS Tupelo,g (note #4) 180
WNIN 88.3 IN Evansville, nt 110

9/15 gw,from LBL:
KDHX 88.1 MO St. Louis, blues 168
WSIE 88.7 IL Edwardsvile, j 170
KASU 91.9 AR Jonesboro, c 157
WIL 92.3 MO St. Louis, k 168
KSD 93.7 MO St. Louis, op 168
KJEZ 95.5 MO Poplar Bluff, mr 157
KPYR 98.1 MO Osceola, o 154
KFUO 99.1 MO St. Louis, c 168
KJBR 101.9 AR Jonesboro, o 157
KLOU 103.3 MO St. Louis, o 168
WKBQ 106.5 IL Granite, r 168
KMJM 107.7 MO St. Louis, rs 168
(note #1)

Plus 51 more in IL, KY, MO, and TN within 150 miles and 24 unIDs.

Note #1: Logged on TN/KY lone in the TVA's Land Between the Lakes Nat'l recreational area with GE Superradio II and built-in whip antenna. (WMMS) and ICF-2010 and 3-el. quad. (9/15 DX. Will keep a separate log for "LBL" reception. This is a good place for DX.
Note #2: Using "Kicks 96.7" slogan; I suspect this one has changed calls. It'd also probably been off for awhile, as it isn't that far away & I think I would have heard it before.
Note #3: Suspect a call change here, too. Using slogan "Lexington's new Kiss 96.9". Definitely a format change.
Note #4: Briefly in stereo. First Atlanta to accomplish that. Ran legal ID & full ID full EBO announcement at 0140--was afraid they were going to sign off!
Note #5: Sounded like they'd only been on for a few days. Gave P. O. box in Tupelo, too weak to copy though. UHF TV was open to Cincinnati.

Regarding John Combs' July 1 report of a 92.1 running Madison,WI ads;almost certainly WMAD-FM Sun Prairie, runs an "adult AOR", xmitter about 4 mi. NE on US 151 from I-90/94.

EASTERN TV·DX

Bill Nienajadly
PO Box 2999
Clifton NJ 07015-2999
201-478-3044

September 1991 cutoff 3 months Deadline Oct 5 1991

The MUF Reaches channel 12! Carlon Howington of FL logged CFTO-9-ON & Channel 7 in Detroit! Ed Phelps of KY logged WWOR-9 of NYC! And maybe WPIX-11-NYC. Many, Many reports of VERY SHORT SKIP! Ranges of 350 miles to 500 mile very rare for E-Skip were reported! All I can say is... Read the juicy DX in this column! Did 1991 E-Skip turn out to be a stinker? ....Nope!

John F Combs

6/24 ES 2107 El Salvador-2 1225
2113 UNID-2 Mexico
2135 XHY? 3 YU t
2142 Honduras 3 ? t
2205 UNID 5 SS
2215 Had to leave
6/25 ES 2105 UNID 2 Mexico
2108 KKTO NM 1334 ch2
2115 KENW 3 NM 1152
2213 KMID 2 TX 1067
6/29 Tr 0835 WXXV 25 MS 286
WGNO 26 LA 340
WNOL 38 LA 340
0837 W46AN MS 254
(Pascagoula TBN)
0837 W63BK FL 179
(Pensacola TBN)
6/29 ES 1215 KPRC 2 TX 673
1218 UNID 3 Mexico
1228 KMID 2 TX 1067
1317 UNID 5 NBC
1330 - 1610 I'm Away
1615-1635 brief check
still ch 2 & 3
1635 Had to leave..
7/1 ES 2030+ Strong 2-5
2040 CBLT 5 ON ? t
2204 KDLO 3 SD? t
2236 KUSD 2 SD 1144
7/2 ES 1734 UNID 2 PBS
7/4 thru 7/7 In Orlando, No
access to DX equip.
7/8 ES 1734 KACV 2 TX 1070
1753 KMID 2 TX 1067
7/11 Tr 0445 W38AJ FL 154
(Jax VJN)
0445 W33AL GA 169
(Brunswick GA)
0447 WIGS 28 SC 205
7/11 ES 1810 KMID 2 TX 1067
KENW 3 NM 1152
7/12 Tr 0659 WVLA 33 LA 417
(No sign of closer
New Orleans or any
other activity!)
7/12 ES 1830 SS noted on 2
too busy to watch
7/13 Tr 0127 W27AE FL 267
(Sebring WTOG-44)
0128 WNOL 38 LA 340
Miami U's FL 393
Ft Myers U's/Naples U's
7/14 Tr 0204 New Orleans &
Ft. Myers U's
(No Ft Lee ?-BN)
7/14 ES 1902 KGAN 2 IA 920
1959 KMID 2 TX 1067
2029 KQIV 2 MO 868
7/14 ES 2100 KMIV 3 NE 996
7/15 ES 1834 UNID 2 Brief..
7/17 ES 1150+UNIDS 2,3,4 Mexico
1426 XHBQ 3 ZA 1250
1516 CUBA 3 830
1524 Colorvision 2 DR
(DR means Dominican
Republic?-BN) @1175mi
1825 KACV 2 TX 1070
2050 KMOL 4 TX 840
2053 KKTO 2 NM 1334
2057 KPRC 2 TX 673
2100 KENS 5? TX t
2101 UNID 3 Mexico
2131 XHRIO 2 TA 863
XEFB 2 NL t
KIII 3 TX t
7/18 ES 0825 KDLO 3 SD 1235
0826 KLBY 4 KS 1140
0859 KNOP 2 NE 1180
0859 KJRH 2 OK 762
0900 Had to leave
2205 KSDK 5 MO 658
2229 KMOL 4 TX 840
KPRC 2 TX 673
2231 KENS 5 TX 840
2233 KBTX 3 TX 699
2300 KENW 3 NM 1152
2304 KDIN 2 TX 761
2306 KMID 2 TX 1067
2330 XHRIO 2 TA 863
7/19 ES 0830 XHRIO 2 TA 863
0845 UNID 3 Mexico
1650****MUF 108+ ****
1656 WUNC 4 NC 476
1657 XHRIO 2 TA 863
1710 WFSB 3 CT 1007
WRC 4 DC 713
1713 WOTV 5 WV 634
1729 WNBC 4 NY 911
1800 KENW 3 NM 1152
KFDX 3 TX 867
1807 KJRH 2 OK 762
1901 KCMO 5 MO 834
1914 WDAF 4 MO 834
1917 KTVI 2 MO 658
1924 KGAN 2 IA 920
2020+Light CCI on
channel 7 & possibly
channel NINE..(!-BN)
(see comments)
2200-0000 MUF..3 & 4
7/21 ES 0019 WGRZ 2 NY 904
0020 KDLO 3 SD 1235
0100 Quit-ZZZzzzzzzz
0816 Time in 2,4 cci
0842 KKTO 2 NM 1334
0845 KACV 2 TX 1070
0859 KENW 3 NM 1152
7/21 ES 0916 XHRIO 2 TA 863
1000 Fade out
1638 WFSB 3 CT 1007
WCBS 2 NY 911
7/22 Tr 0035 WXXV 25 MS 286
ES 1026 El Salvador 2
7/23 ES 1024 KQIV 2 MO 868
1026 CBFT 2 PQ 1188
1029 KGAN 2 IA 920
7/24 Tr 0532 WATL 36 GA 233
WVEU 69 GA 230
7/25 ES 2148 ES Noted on 2,3
no time to watch
7/27 ES 2100 Weak,"dirty" skip
2,3 PM hours
2253 KTCA 2 ?MN t
2338 KIVO 3 MO 803
7/28 ES 0030 Mostly fade out
7/29 ES 2355+Dirty skip No IDs
7/30 ES 1415 CKCO 2 ON 1015
1715 Back: ES 2-5
1755 CKVR 3 ON 992
1759 WPSX 3 PA 805
1801 WFSB 3 CT 1007
WGRZ 2 NY 904
1805 KYW 3 PA 834
1811 KDKA 2 PA 733

Totals now at 278 stations

Comments on July 19th

In the midst of a humdrum skip season, came one of the the better openings I've seen in a long time-boy, am I glad I had the ebening off! After noting some very short skip, cheif of which was WUNC-4 at only 476 miles, low band TV quickly became a jumble of CCI & I spent much time on FM. A call from Carlon Howington in St. Petersburg, revealed that he experienced hi-band skip between about 2010 & 2040 on that night. He positivilely IDed WXYZ-7 (MI-BN) & CFTO-9 (Toronto-BN), he had a Breif UNID-11 & even a minute or so of CCI on 12!

Hampered as I am with a crappy VHF antenna (probably has negative gain on hi-band, hi!) I was unable to positively ID anything on hi-band.

73, John

Matt Sittel, PO Box 21451, 511J Wood Hall, NCSU, Raleigh, NC 27607

Equipment: Sanyo 13" color TV, Archer 4-bay UHF antenna, rabbit ears, Sony 4.5" Watchman
All DX done on indoor antennas.

July 1991

1 Es 1319 KYTV 3 MO 798
1320 KSNW 3 KS 1050
1322 KSNC 2 KS 1120
1359 KBTX 3 TX 1062
1359 KATC 3 LA 883
1923 KPRC 2 TX 1063
1928 WAVE 3(IN) 435
1929 WCIA 3 IL 613
1952 WJMN 3 MI 839
3 Es 1348 unID 2
4 Es 2115 unIDs 2,3,4
5 Es 0857 KPRC 2 TX 1063
0918 KATC 3 LA 883
0923 KBTX 3 TX 1062
6 Es 1228 KUSD 2 SD 1135
7 tr 0800 WCES 20 GA 266
8 tr 0746-0925
WEBA 14 SC 233
WBOC 16 MD 255
W2OAT 20 NC 76
Roanoke Rapids-ChAm
7 tr WTAT 24 SC 200
WHMM 32 DC 241
WMDT 47 MD 251
WTKK 66 VA 225
Es 1358 KJRH 2 OK 950
1359 KOET 3 OK 936
1415 KFDX 3 TX 1131
1442 Cuba 3
1459 KTBS 3 LA 894
1622 KPRC 2 TX 1063
1632 KBTX 3 TX 1062
9 Es 1502 unID 2 SS
14 Es 1959 KDTN 2 TX
2059 KPRC 2 TX 1063
17 Es 1401 WKAQ 2 PR 1434
1647 CV 2 DomRep
18 Es 0900 KDTN 2 TX
0926 KFDX 3 TX 1131
1927 KSNC 2 KS 1120
1959 KLNE 3 NE 1172
19 Es 1429 KSNC 2 KS 1120
19 Es 1432 KTBS 3 LA 894
1451 Cuba 3
1629 WPBT 2 FL 677
1659 WEDU 3 FL 581
1728 WEAR 3(AL) 624
1740 WDIQ 2 AL 528
1743 WBRZ 2 LA 814
1930 KPRC 2 TX 1063
1930 KATC 3 LA 883
2128 KJRH 2 OK 950
22 tr 0819-0935
WEBA 14 SC 233
WCES 20 GA 266
WGXA 24 GA 345
Es 1800 CKPR 2 ON 1032
23 tr 0810 WTAT 24 SC 200
24 tr 0758 WEBA 14 SC 233
0800 WTAT 24 SC 200
27 Es 0003 KPRC 2 TX 1063
20 Es 1700 KDTN 2 TX
1911 KSNW 3 KS 1050

July was certainly an improvement over June for me as far as E-skip goes. Lots of neat loggings this time, with some especially short skip! The MUF on 7/19 reportedly hit ch.12(!!!) in FL, so that explains the short skip on that day. I have a tentative of WSB-2 GA at just 350 miles on that opening-program matched listings, but I want to rule out other stations first. 7/17 was fun,too, seeing Puerto Rico, something I have never accomplished from Kingsport,TN. Log totals stand at 175. Also, I am the new CCI editor now, so please send your unIDs to me at the above address. 73's, Matt.

Dave Nieman - 12284 Nice Road - Akron, New York 14001-9529

Equipment: Unchanged. New loggings are underlined.

June 1991

29 ES 1454 WCPX-6 FL 1001
1617 KBTX-3 TX 1287
1630 KOTA-3 SD 1235
2000 KGFE-2 ND 1003
2100 CKND2-2 MB 1136
30 ES 2300 KTIV-4 IA 896
July 1991
1 ES 0038 KSNW-3 KS 1058
1 ES 1200 KSWK-3 KS 1234
1450 KBTX-3 TX 1287
1600 WEAR-3 FL 987
2047 WCTV-6 GA 899
4 Tr 0900 WMPT-22 MD 291
1100 WETA-26 DC 287
7 ES 1216 KIMT-3 IA 620
8 ES 1055 KFDX-3 TX 1246
1200 WEAR-3 FL 987
12 Tr 0900 WUCX-35 MI 227
1000 WKAR-23 MI 299
15 ES 1900 KLNE-3 NE 1102
1930 KWNB-6 NE 1166
1936 KOTA-3 SD 1235
1959 KDLT-5 SD 946
16 Tr 0830 WUCX-35 MI 227
0900 WKAR-23 MI 299
1000 WINM-63 IN 338

Dave Nieman - Ho Sta Geh, Road - Rock City, New York

Equipment: RCA 9" b&w TV, 8 bay bowtie with EU-4S preamp. Ante' .a at 14' above ground; 2384' ASL.
All stations new to Rock City log.

July 1991

3 Tr 1042 WOIO 19 OH 167
1045 WDLI 17 OH 171
1048 WNEP 16 PA 146
3 Tr 1100 WBRE 28 PA 146
1104 WKBS 47 PA 106
GW 1118 W81AJ NY 23
Little Valley (WNED-17)
3 Tr 1530 WNEQ 23 NY 71
27 Tr 1600 WNPE 16 NY 183
1630 WQEX 16 PA 136
Winegrad AC-4975 this time.

Still no luck DXing UHF TV; it must be all those trees. Next time down I'll use the EU-4S as a post amp. dave

---

William R. Hepburn 1211-1547 Mississauga Vly Mississauga ON L5A 3X8 (EDT)

Equipment: JVC HR-D630U VCR w/12th floor balcony VHF dipoles / indoor 4-bay UHF

July 1991

1 ES 1626 WESH 2 FL
2000 MUF 105.9
2 ES 1258 MUF 91.9
5 ES 2006 MUF 2
8 ES 1058 WEAR 3 (AL) 1000
T 8 ES 1415 MUF 92.5
19 ES 1719 WPBT 2 FL 1220
1720 MUF 107.5
20 ES 1626 MUF 107.5
1800 WPBT 2 FL 1220
26 ES 2059 (KGAN) 2 IA 625
(ex*WMT)
2100 MUF 4
30 ES 1819 MUF 3
31 ES 1857 MUF 3

Eric Voytko 1721 Dalewood Place, McLean Va 22101 (703) 356-9663

Equipment ; See July VUD

July 1991

								1557	WEDU-3	FL	819	30	Es	1400	KATC-3	LA	1040
6	Es	1158	KPRC-2	TX	1218	25	Tr	0600	WBRE-28	PA	182			1500	WLBT-3	MS	860
		1200	KQTV-2	MO	955				WVIA-44	PA	195			1800	WEAR-3	FL	800
	Tr	1941	WUNP-36	NC	170				WNEP-16	PA	195		Tr	2031	WXII-12	NC	255
19	Es	2302	WESH-2	FL	708				WOLF-38	PA	195		Es	2100	WPBT-2	FL	916
		2327	WBRZ-2	LA	990				WWLF-56	PA	170	31	Es	1450	CUBA-3	CU	1000
		2328	KTBS-3	LA	1040	28	Tr	0800	WXTV-41	NY	220				ICRT t/p, sign on at		
20	Es	0914	WPBT-2	FL	916	29	Es	2317	WBRZ-2	LA	990				1600, 'CubaVision 6'		

E-skip on the rebound towards the end of July here,the openings on the 19th,20th and 30th were the most productive. My cuba 3 is likely from the Pinar Del Rio Province, SW of Havana, distance here is approximate.

My sincere thanks to all of the VUD readers who responded to my request for station info. I now have enough station lists to cover my desk, and have solved several Unid's as a result As usual the members of the WTFDA have come through !

TV INFO; As a user of a late model Zenith (SG2795BG-'90) I must say that Harry Hayes' comments in the July VUD were right on the mark.While the newer sets are more feature packed than ever before, few of the features are designed with the TV DX'er in mind.My set,like Harry's, has that annoying audio mute feature, which can ruin Id's and forces one to contantly man the mute button.The set also squelches weak signals, but I have found I can over-ride this by hitting the 'enter' button again, and thereafter I can watch uninterrupted snow if necessary.By far the biggest drawback on this particular set is the lack of video output jacks; shameful for a TV in this price range.(I was fooled, there is a VCR loop output, but it only puts out on Ch 3 for use with a cable box.)

The set still has some redeeming features including decent image/adj. ch. rejection, and dual antenna inputs which can be A/B ed via the remote. Picture-in-picture triple flashback is also neat; It's possible to watch 3 TV stations superimposed over cable or a video tape, and to change these 3 stations at will. If you line up ch's 2-3-4 you can watch the MUF climb during a skip opening !

I decided to replace my set with an Icom R-7000 (the set will serve as the monitor) I've only had the Icom a few days now (I'm still waiting for the Video adapter) and the results are impressive. The only crossmod problems are on VHF with the antenna pointed at the locals (also experienced with every other tuner I've tried) In fact, as audio goes, it's much less susceptible; It will lock in WGAL-8,over eighty miles away, with clear audio in the FM wide mode while the Zenith is overloading from the local Ch.9. Then there is the FM narrow mode, which as other members have reported, allows you to separate offset audio carriers. This may be the single best feature on the receiver, and one that the TV DX'er can really appreciate. The S-meter was handy for fine-tuning my traps, which isn't easy to do by eyeballing (at least two were way off !) I hope we get some good tropo this fall to try it out on.

Christopher S. Dunne, 21541 NW 8 Ct., Pembroke Pines, FL 33029

7/1 Es
1628 WJMN 3 MI 1330
(Note 1)
1830 unid 3 Mexico
(Note 2)

7/2 Tr
2259 W16AR16 FL 80

7/5 Es
1040 WTKR 3 VA 750
Sally J. Raphael

7/14 Tr
2330 WTTA 38 FL 165
(Note 3)

7/19 Es
Morn KIII 3 TX 1010
Morn unid 3
(Note 4)
1130 WSIL 3 IL 880
(Note 5)

Footnotes
(1) Got "WJ..." on cassette tape (audio), and 2 Escanaba FMs were in simultaneously.
(2) All I could catch was "Canal de las Estrellas"/"TVO". Definitely Mexican, 'cause Tampico FMs were in, and it looked like "XEW" on screen plus what looked like Televisa logo. Had a program (soap opera), "Yo No Creo en Hombres" ("I Don't Believe in Men") at 7pm EST. Maybe Monterrey?
(3) NEW TO AIR from St. Pete. 1397 kw visual power mentioned in sign-off.
(4) Said "KY3". Is this KYTV Springfield MO?
(5) I'll have to scratch out my WHSV logging of last month; then I heard "Harrisburg" & thought "Harrisonburg" (VA), but now I see (from my copy of BROADCASTING YEARBOOK 1983) there is a Ch 3 in a Harrisburg. Multiple ID w/ Marion & Carbondale (IL). Called themselves "LTV 3".

Hope soon to catch Es on somethin' other'n Ch 3, like last month. Oh well....

73s
Chris

Robert Ross Box 1003 Station B London ON N6A 5K1 Canada

Toshiba portable, Ant# 1 VHF FM Beam Ant# 2 UHF Flying arrow

6/29 ES 2010 CKND 2 MB
6/30 ES 2053 WGBH 2 MA
7/1 ES 0956 KJRH 2 OK
7/1 ES 1300 KXAS 5 TX
7/2 ES 1159 KPRY 4 SD
1215 CBWFT 2 MB
7/2 ES 0055 KALB 5 LA

From 6/29 thru 7/24-91

Harry Hayes 9 Henry St Wilkes Barre PA 18702

RCA 1971 Colortrak, Ch 2 Quad loop at the south window, Zenith Sentry II, 6ft dish in attic with a PA 4975 amp.

7/1 ES 1915 WWL 4 LA
1930 KALB 5 LA
7/4 ES 2200 CKND2 2 MB Note 1
CBFWT 3 MB
7/5 ES 0820 WBRZ 2 LA
2059 KJRH 2 OK
7/6 ES 1225 KJRH 2 OK
7/18 ES 1700 WMAB 2 MS
1800 WEDU 3 FL
7/18 ES 1800 KJRH 2 OK
1807 KTVO 3 MO
1815 WTVJ 4 FL
1820 KFSM 5 AR
1900 KSNC 2 KS
1928 WLBT 3 MS
7/19 ES 1715 WESH 2 FL
7/19 ES 2146 WPTV 5 FL
2150 NBC 4 Note 2
7/20 ES 1600 WUFT 5 FL
1835 WREG 3 TN
1903 WKRG 5 AL
7/22 ES 1740 WCCO 4 MN
1805 KDLO 3 SD
7/26 ES 2100 KTCA 2 MN #3
KETS 2 AR
2120 WBRZ 2 LA

Notes: #1 ID as CKND, the channel 11 in Winnipeg. CKND2 call was gleaned from information in a 1990 Doug Allen report, no city of license was mentioned .
2 this channel 4 programming w/NBC was in during an almost exclusively FL opening. My old log book notes that all of ch 4's in the Southeast are CBS. Did WJXT, WTVJ or WTVY change network affiliation or does one of these share NBC & CBS? (Harry, I can't answer your question on network changes etc, But, perhaps consider other possibilities as short skip,7/19 had a lotta short skip that day-BN).
3 KTCA, KETS & WBRZ all in just about the same time this night also possibly KDLH-3 Duluth -quite an area spread! Unfortunately the MUF stayed around channel 5.

All I have to do is complain a little bit and the season improves. This still is one of the all time poor seasons, but late July's skip activity move it a little closer to 1990 which wasn't all that great. Mid July featured an absolute absence of any skip activity that I could see. One of the hottest & Driest months on record in the North east, resulted in little or no tropo. 73

Frank Wheeler 6485 Wattsburg Rd Erie PA 16509 EDT Present log: 327 rec, 220 Veries

Sylvania Color 19" 1985 Year, Archer VU 160 Antenna, Servo rotor. (ALL E-Skip)

7/1 0928 KJRH 2 OK 927
0952 KTVY 4 OK 1030
1200 WPBT 2 FL 1110
1630 KTBS 3 LA 992
1130 WEDU 3 FL 988
7/2 1130 KTVY 4 OK 1030
1100 KUSD 2 SD 896
1131 KGFE 2 ND 960
7/8 1300 KPRC 2 TX 1212
1500 WEDU 3 FL 988
1200 WBRZ 2 LA 1016
7/15 1538 KTWG 2 WY 1328
1800 KUSD 2 SD 898
7/18 0900 KJRH 2 OK 927
0930 KSNC 2 KS 1009
1200 KTWO 2 WY 1328
7/18 1905 KNOP 2 NE 1059
2000 KBTX 3 TX 1183
7/19 1700 WEDU 3 FL 988
1958 KTRH 2 OK 927
2300 KPRC 2 TX 1212
7/20 1700 WPBT 2 FL 1110
1800 WEDU 3 FL 988
7/22 1858 WEDU 3 FL 988

We were married 50 years May 14. T also was at my 60th Hi-school class reunion. On July 27 a hot air balloon landed in the field by our house and they gave us a free ride, another landed just below our house. We have 18 acres. I thought it was quite a novelty for a couple, senior citizens (me 78, Marge 70). Good Dxing Frank W.

Jim Renfrew 61 Wilcox St Rochester NY 14607-3832 GE TV, Radio Shack Rabbit ears

6/2 Tr 0240 WUTR 20 NY 120
6/9 Tr 0045 WUTR 20 NY 120
0225 WNEQ 23 NY ——
0238 CFTO 9 ON 105
0315 CITY 57 ON 105
0327 WICZ 40 NY
0417 WBNG 12 NY
6/15 Tr 0209 CICO 53 ON
0210 CICO 42 ON
(Jim,it is in
Mac Arthur Mills-BN)
6/15 Tr 0224 CBOT 4 ON
0233 CHOT 40 QC t
0238 CICO 55 ON
(Jim it is in
Cloyne, which is
near Bancroft-BN)
0307 CJOH 13 ON
0328 CBOFT 9 ON
6/16 ES 1938 WPBT 2 FL
2000 KTBS 3 LA t
6/19 Tr 0845 WICZ 40 NY
6/19 Tr 0845 Syracuse & H20town
U's excellent.....
Ch 40 Channel Amer
-ica off the air
6/20 ES 1230 MUF 100.1 maybe
to to 105.9, no TV
1350 in the car!
6/29 Tr 0330 WIXT 9 NY
ES 1359 WPBT 2 FL
1441 KATC 3 LA
1452 KTBS 3 LA t

(TURN TO THE NEXT PAGE FOR THE REST OF JIM'S REPORT)

Jim Renfrew continued.....

6/29 ES 1453 WEAR 3 FL
7/2 Tr 0925 CBLFT25 ON
ES 1020-1332 MUF 103.5
1050 KSTP 5 MN
1051 UNID 5
1059 KGFE 2 MN
1148 CBWFT 3 MB
1200 KFYR 5 ND
1230 KBME 3 ND

7/2 ES 1230 KBME 3 ND
7/4 ES 2145 UNID 3 PBS
7/6 Tr 0113 CIII 22 ON
ES 1220 UNID 2 & 3 ABC
1230 KDTN 2 TX
1258 KJRH 2 OK
1324 UNID 2
7/18 ES 1959 MUF 106.7
1959 WBRZ 2 LA

7/19 ES 1655 MUF 107.3
7/26 ES 2116 KGAN 2 IA
UNID CBS-3
" NBC-4
" ABC-5
2147 " PBS
2155 KGAN 2 IA
2158 ES GONE 4 GOOD

Ed Hanlon 165 South Road Bolton CT 06043

Panasonic 25" Console, JC Penney (RCA) 19" Mitsubishi VCR, CM 1110 Quantum w/cartridge amp RG-6 coax,HD-73 rotor,40' AGL, 482' ASL

having given up on UHF (I don't evn list the equipment used), I have 2 TVs parked on channels 2 & 4. The results are pretty good! Almost every evening I sit down to watch Florida news at Six on channel 2. Florida has become a local on TV & FM up here! I stopped loogging these stations because they've become so routine. I agree with Eric Voytko-The CM 1110 is one awesome antenna. I was able to null local Ch 3 (WFSB) & pick up WEDU (in Florida, of course) Eric, if you are still looking for a list of TV stations order the 1991 Broadcasting Yearbook. I'ts as useful for TV as the The Elving Atlas is for FM. And as a bonus, it lists AM/FM by frequency -call etc. (Ed, your question about the R-7000 should be directed to the midwestern TV/FM DXers who use it swear by it, not at it and one DXer out there gets 600 mile daily troposcatter on UHF, I have not heard of the FRG-9600, but I could say that the R-7000 runs circles around it-B

6/7 Tr 0015 WLIW 21 NY
6/24 ES 2030 WPBT 2 FL
6/30 ES 2200 KTVI 2 MO
2230 KGAN 2 IA
2305 WIVJ 4 FL
2311 WBBM 2 IL
2329 WDAF 4 MO
2334 WPTY 5 FL

6/30 ES 2341 KHAS 5 NE
7/2 ES 2015 WCSC 5 SC
ES 2030 WIVY 4 AL
Tr 1840 WMUR 6 NH
7/5 Tr 1300 WENH 11 NH
ES 1305 WJXT 4 FL
1306 WIVJ 4 FL
1315 WPBT 2 FL

7/5 ES 1316 WESH 2 FL
7/6 ES 1430 WESH 2 FL
7/12 ES 1915 WEDU 3 FL
7/20 ES 1630 WIVY 4 AL
7/21 ES 0705 WBRZ 2 LA
7/23 ES 2030 KYW 3 PA
7/26 ES 2030 KGAN 2 IA
2044 WDAF 4 MO
2100 KUSD 2 SD

Tom Bryant 849 Todd Preis Drive Nasville TN 37221 CDT

this has been one of the most disapointing ES seasons in many years. When I noted the first opening on May 19 (MUF 5), It appeared that we might be off to a good start: but that was not the case. Aside from an excellent opening on July 19, it's been a real ho-hum summer.

5/19 ES 1229 KENW 3 NM 963
1230 UNID 3 SS
2159 KACB 3 TX 832
6/2 MS 0300 KUSD 2 SD 754
2215 KIII 3 TX 851
6/3 ES 0215 KWGN 2 CO 1029
6/8 MS 0344+KSNC 2 KS t
6/13 ES 2000 UNID 3 SS muf 6

7/1 ES 2210 KDLO 3 SD 882
7/2 Tr 2230 KTEJ 19 AR 217
ES 0959 KREG 3 CO 1183
7/8 ES 1018 PBS 3 2 different
7/18 ES 2033 KIII 3 TX 851
7/19 ES 1800 KENW 3 NM 963
1810 KFYR 5 ND 1023
1842 KOAA 5 CO 982

7/19 ES 1848 KREG 3 CO 1138
1858 KBME 3 ND 1022
1925 KOTA 3 SD 1014
1946 CKND 3 MB 1184
2000 CBWFT3 MB 1087

7/22 ES 0959 KIVS 3 CO 926

Notes: 6/2 KUSD sightings mentioned as this is my most frequently seen MS station. See an UNIDC—X with full color bars now and then suspect CHBX-2 but can't be sure. 7/2 sighting ofKTEJ was the second time ever. 7/19 KFYR catch was special for me, as thats where I started broadcast career in 1956. Both KFYR & KOAA seen thru local channel 5 as a floater, 3rd time KOAA as a floater. (Tom mentions that he will be buying new antennas for UHF & VHF-73's Tom

---

Greg Coniglio 5100 Glenwood drive Williamsville NY 14221 see last report for equipment

6/27 Tr 0000 Detroit
Greeenbay 32,38
N. Mich on 7,9
under locals
6/29 ES 1500 KATC 3 LA 1168
1530 KTBS 3 LA 1090
1630 KOTA 3 SD 1227
1717 KDLO 3 SD 947

6/30 ES 2259 KTIV 4 IA 612
2304 KIMT 3 IA 612
2330 KMIV 3 NE 893
7/1 ES 1200 KBSD 6 KS 1194
1300 KALB 5 LA 1118
1715 KXAS 5 TX 1224
1720 WKRG 5 AL 985
All 3 over CBLT-5

7/1 ES 1816 WBRZ 2 LA 111
7/2 ES 1100 KMIV 3 NE 893
1145 KDLH 3 MN 707
1200 KGAN 2 IA 671
7/8 ES 1100 WBRZ 2 LA 111
7/16 Tr 0000 Cleveland,Akro
H20town,snowfree
0900 WNWO 24 OH 255

(SEE NEXT PAGE FOR THE REST OF GREG'S REPORT)

Greg Coniglio continued

7/16 Tr 0903 W48AP OH 255
Channel America LPTV
-XLTR DX record
WUPW 36 perfect
0930 Ft Wayne IN
36-s/f 63 Angola wk

7/16 Tr 1825 WLUK 11 WI 475
Green Bay,VHF DX record
7/19 ES 1800 WPTV 5 FL 1134
+ FL regulars
7/20 ES 1555 WCTV 6 GA 897
1600 WEDU 3 FL 1066

7/22 ES 1731 KMTV 3 NE 893
1801 KDLT 5 SD 938
7/26 ES 2156 KIMT 3 IA 613
7/26 ES 2200 KUSD 2 SD 962

The season picked up somewhat during the second half, but not enough to rescue it from the fate of being my worst season to date. Only "big" openings this year was july 1 tho June 26,29. July 2 & 19 were OK. I hope trops start picking up late this summer and this fall: not much of that so far either. 73's Greg

---

Jeff Wolf 1131 University Blvd W Apt 701 Silver Spring MD 20902

6/30 ES 2044 CCI 2 NE
2233 UNID 3 ABC
2300 KGFE 2 ND
2351 KDLO 3 SD
7/1 ES 0015 KUSD 2 SDt
0200 UNID 2 z
1800 KTBS 3 LA 983
1929 KOET 3 OK
2016 KTBS 3 LA 983
2059 KJRH 2 OK 1031
2114 MUF to 93.1
2130 WREG 3 TN
2158 UNID 2 CBS
7/2 ES 0124 UNID 2 tp
0158 MUF 3
0222 UNID 2 cci
7/3 ES 0013 MUF 2
Tr 0311 WVFT 27 t
NC 16,28
7/4 ES 1845 MUF 3
7/5 ES 0800 KPRC 2 TX 1235
1951 KUSD 2 SDt
2013 UNID 3 CBS
7/6 Tr 0715 WPDE 15 SC
WYED 17 NC
0906 NC 11,22,28,40
0932 UNID 35+ CCI
ES 1132 UNID 3 PBS

7/6 ES 1140 UNID 2 NBC
1143 UNID 2 CBS
1150 UNID 3 NBC
1413 MUF 2
7/7 Tr 0200 W40AH VA
0910 NC 16,WYED 17
7/8 Tr 0035 UNID 31 o/WWPB
0056 UNID 16
0115 NC 22,28
0203 WPDE 15 SC
0238 WYED 17 NC
very good
0300 W34AX NC
7/12 Tr 0800 NC 22,28,40
7/14 ES 1216 MUF 2
1958 UNID 2 NBC
7/15 Tr 0615 SC 15 t
ES 1759 KBME 3 ND
1803 KDLO 3 SD
1900 KGFE 2 ND
1903 UNID 3 ABC
1959 KDLO 3
2030 Fade outs
2312 KUSD 2 SD
7/16 ES 2059 MUF 2
7/18 ES 2018 MUF 4
2308 KJRH 2 OK
7/19 ES 1829 CUBA 3

7/19 ES 1841 MUF 92.9
2018 MUF 106.5
2026 UNID 6 NBC
2100 WEDU 3 FL
2200 WPBT 2 FL
2305 WESH 2 FL
7/20 ES 0101 UNID 3 NBC
0102 KJRH 2 OK
0955 UNID 2 cci
ES 1300,1429,1500
WPBT 2 FL
1809 MUF 102.9
2044 MUF 2
2347 MUF 2
7/21 Tr 0915 SC 15, NC 16
0940 UNID 17 cci
over WYED
UNID 35
ES 2021 MUF 3
7/22 ES 0749 KOET 3 OK
1800 KGFE 2 ND
7/25 Tr 2320 WNEP 16 PA
7/27 ES 0827 MUF 2
7/28 Tr 0101 WSET 13 VA t

Ed Phelps Rt2 Benton KY (All phoned in to me-BN)

Notes Ch11 in Martin TN might be going off the air due to budget cuts.

July 10th;;;KMBC-9-KS, KCCI-8-IA (Tr)--7/18 ES KGFE 2 ND, CBWFT 3 MB. WCIX-6-FL o/WPSD!
July 20th ES SUPER! WCBS-2-NY, WFSB-3-CT,WNBC-4-NY, WTAE-4-PA at only 517 miles!
HI-BAND SKIP 45 minutes, WWOR-9-NY, WPIX-11-NY tent.CBKT1-4-SK Moosejaw
July 22nd TR WSB-2-GA finally logged, called station.
July 30th Tr KAKE-10 KS-508, KTFO-41-OK-410 ex KGCT.
July 31st ES KIII-3-TX, XHBQ, XEFE-2-NL, I finally ID-ed W53AZ as a TBN Birmingham AL.
July 24th Tr UHF to Chicago & Indiana incl WPWR-50-IL-350 miles
July 25th Tr WTIU-30-IN Grand Total 433 stations
To Tom Bryant...Call Ed Phelps

Dude from Joisey PO Box 2999 Clifton NJ 07015-2999

to be honest, this season was a stinker. On the 19th, when other members were getting short skip on 2-6 and Hi-band 7-12. I did see SOMETHING on channel eight. Normally Ch 8 here is New Haven CT and cannot be nulled out really. But I did see some cci on 8, I just assumed it was WGAL Lancaster PA (which by the way I never logged yet!) so I passed it by and didn't really thinkfurther of it until of course I had heard that there was hi-band skip that day. Bob Smolarek of West/Central Jersey did log Ch 3 from NC at only 450 miles or so! So that is it from here. Goodxing!!!!

Bill Nienajdly
PO Box 2999
clifton NJ 07015-2999
202-478-3044 NO Collect

October 1991 Cutoff 3 months Nov 5 1991 Deadline

Sorry about missing a September column, I did mail my column in, on time along with my renewal and...HQ likely did not receive it. This column SHOULD be there this time as I am sending this out NEXT DAY AIR for 9.95 at my cost. On to DX, and get ready for fall tropo!

Ed Phelps Benton KY

August tropo: first week..K69FN Crestwood MO @ 165 miles, K66CN Harrison AR (near Fayetteville @ 275 miles....Aug 29 Tr W53 AF Boonville MS @ 150 miles Unity Broadcasting, they do run some TBN. totals up to 436 stations

Bob Seybold 10567 Bennett Rd Dunkirk NY 14048 (716) 366-0957 (Host of the 1991 Convention)

7 ft dish w/channel Master amp, channel Master 1110 VHF, 6 element FM-rotors on all antennas -Hills antennas 7ft dish with new amp from Jim Dietrich, Winegard 5200 VHF both with rotors.

As for E-Skip, only a few really good open-ings .May 1st - Aug 15th tropo fairly good most of the summer, lot of warm humid days, The best openings late june to July 15th. Warm humid days induced early morning and evening trops especially to 400 miles to the west mainly. Didn't really get into intense DXing until the week before the convention, when I installed antennas in hills for the convention -period...August 2-9th the following stations were seen in this time period, WMCU-14, WANE-15,WICD-15, WTAP,15,WLYH-15, W15AA Rochester NY: WNDU-16, WQEX-16, Dayton 16,22,68 (new).: Scranton 16,22,38,44, Watertown 16, Grand rapids 17,35: WLFI-18, WHIZ-18,: Elmira 18 & 36, WUCM-19, WUTR-20: Indianapolis 20,40,59,: WPTA-21, WDCA-20 -Harrisburg 21 & 27: Hershey 33, W22AA Olean, WSBT-22, WPtt-22, WKAR-23:Altoona 23: TVO-24- Ottawa....WEYI-25, WCIU-26, WJTC-26, WBGU-27, WSJV-28, WFUM-28, WBRE-28: WFLD-32 (Chicago-BN) KRIN-32, WLKY-32, WKJC-33, Cadillac 33, WNIT-34, WLIO-35, Binghampton-34,40,46: WOSU-34, WADL -38, WCFC-38, WFWA-39, Greenville TN-39, Pittsburg 40, WUHQ-41, Sandusky 41: WPBO-42,...

Bloomington IN 42 & 63, Richmond 43, Lima 44, cambridge 44, Dayton 45, WHME 46, Altoona 47 lansing-47,53,67: WCET-48, Newark OH 51;..W51AA Butler PA, Sandusky 52, Kalamazoo 52, Muskogeon MI-54, WFTT-55, Plattsburg NY-5, W59AA Rochester, Chicago 60, Hammond 62 (new). Many TVO,CBC, Ontario U's seen..

The following seen during the convention....9/11 all Chicago, Ft Wayne Jukebox, South Bend U's: Kalamazoo 52,64: W45AA Ft Wayne Video Juke Box (new).: W65AA Springfield ILL (new) W36AA Palatine ILL.tent: WICS-20 Springfield, WICD-15, Poughkeepsee 54 (WTBY-BN), Smithtown 67 Riverhead 55, NJ U's, Washington 26, Tenn 39. St Louis 30: Cincinatti, Dayton, Columbus U's, lansing (new), and many other, IN,IL,MI U's- Also Milwaukee U's 18,30,36, 58 (new). Some E-Skip-brief no ID's,....more recent trops 8/23/91 ... Ft Wayne U's, South bend U's all super —WICD-15,WTAP-15, Dayton-16,22,45, Oxford 14, W39AA Younstown(repeat of Canton 17) new.. WLFI-18, WMCC 23, Michigan U's 14,17,19,20,23,26,28,31,33,35,38,41,47, 49, 50, 52, 53, 56,62, 66(2), 67, ...French-39 to North East (new), Ottawa 24,40,- Montreal 35, Canadian U's to N. Super srong incl...Little Current 16 (rare). Newark 51: Columbus, Cincinatti 48, Lexington 36, Tenn 39 also new.... Aug 2 ..Knoxville 15, Aug 23 continued east St Louis 46, also Sandusky 41, Toledo 48 both LPTV: Chicago 26 & 60, August 24 Supertrops opening: Michigan U's super strong, also Milwaukee 18 very strong plus 30,36,58, WLFI 18 strong: also WMCC23: Hammond 62 Bloomington, Indianapolis U's very good: Richmond 43, Decatur 23 strong, Rockford 17,23,39 good. Chicago U's WICD, WICS 20, WLKY 32, Columbus U's, Dayto U's

Then Duct into Minnesota (noted about 1030 EDT-St Cloud 41, Austin 15 (new), KSAX 42 (new) K65— 65 translator of KMSP-9 (new) Redwood Falls. land of Lakes 16, Cadillac 33, Muskogeon -54, Kalamazoo 52, Grand Rapids 35 & 17, Northern Indiana U's strong.....Then evening trops ....madison 15,21,27,47, all very strong: WMCU 14 super Chicago U's very strong. W33AA Madison -LPTV, TBN (new), WHRM 20, Milwaukee 18 & 36.

August 25-0500-0945 EDT ...-super opening to Northren Wisconsin, all Green Bay U's 26,32 -38 strong,also W57AB Green Bay (new), W15AA Grand Rapids (WHNE) all Milwaukee U's 18,24,30, 36 & 58, Grand rapids 17 & 35 very strong: W46— Spanish Milwaukee new: W43— Channel America new : K58CM - Duluth (TBN). W65— (WCIU-26 new) Milwaukee,...Michigan U's 52,54,64,14,19, 23,25,28,53, 62, 47, 41, 33 very strong: also Marstee 21, Chicago U's strong, Rockford 17 & 39 Dubuque IA 40, Indianapolis 20,46 & 59, ..W59— lansing (new).... thats it for now. New system in hills location seems to work the best of any I have tried to date. 73's Bob

Harry Hayes 9 Henry St Wilkes Barre PA 18702

7/30	ES	2020	ICR	2	CUBA	8/11	ES	1229	WEDU	3	FL
8/8	ES	1700	WMAB	2	MS			1245	WJXT	4	FL
		1735	KJRH	2	OK			1300	WPBT	2	FL
8/11	ES	1210	WESH	2	FL			1301	WSAV	3	GA

8/11	ES	1315	WUFT	5	FL
		1455	KBTX	3	TX
		2305	KSNC	2	KS
		2315	WPBT	2	FL

(Harry's comments on next page-BN)

Dave Nieman 12284 Nice Road Akron NY 14001-9529

Equipment: RCA 19" b&w TV w/Teknika 6510 tuner, CM 3617B VHF at 23', CM 7' dish w/Blonder-Tongue CMA-Ub preamp at 30'. Using RG-11 coax.

August 1991

6	Tr	0830	CBCE	16	ON	266	25	Tr	0138	WNDU	16	IN	404	25	Tr	0957	CHNB	4	ON 218
11	ES	2200	KOTA	3	SD	1235			0200	WXMI	17	MI	355				"MCTV"		
13	Tr	0103	CIVM	17	PQ	300			0223	WSBT	22	IN	404			1000	CICO6	6	ON 218
		0800	W48AP		OH	265			0655	WWUP	10	MI	348				"TVO"		
		"Channel America"							0900	CBCE	16	ON	266			1100	WKAR	23	MI 299
		Toledo								"MCTV"					ES	2100	KSWK	3	KS 1234

Nice meeting all who had time to make it to the WTFDA convention at Bob Seybolds. Thanks to Bob Seybold for being such a great host. Dave

Harry Hayes continued from bottom of last page....

E-skip was quite good on 8/11, the last hurrah for a painfully disapointing 1991 season. As of 9/1, no trops of significance were noted on UHF or else where. A week of stifeling hot & humid weather at the end of August failed to produce any trops. A winter like cold front came in on 8/31 & bought winter like conditions as well on UHF. I hope this high weather system will become static enough and produce some high pressure trops. We still have 3 months really for some trops to develop.

Christopher S. Dunne, 21541 NW 8 Ct., Box 81, Pembroke Pines FL 33029

Forgot date Es
1230 WSIL 3 IL 880

8/7 Es
0930 unid 3 SS
(See Note 1)
1230 unid 3¢SS
(See Note 2)

8/12 Es
1700 WPSX 3 PA 990

8/19 Es
1129 KFDX 3 TX 1150
"Wichita Falls"

8/23 Es
morn KIII 3 TX 1010
(See Note 3)

Notes:
(1) Relog, "Canal de las Estrellas" + XEW logo. Seeing the Mexico City newspaper in the downtown Miami library, XEW-2 is also called "Canal de las Estrellas". Dunno if affiliate or relay. Could be Monterrey.
(2) This one was in $ and had Pink Panther cartoons. I say it's Guatemala City, Guatemala; Fabu Stereo 88.1 was in as well. I wrote Fabu for QSL & gave info on my Ch 3 log; hopefully they will respond.
(3) Never saw this till 1991; now a pest! Knew it from logo.

¢ = color. See past VUDs for equipment used. Setenta y tres again

Chris

ED Notes...I know I have another 2 or 3 pages for the October column, but work obligations and limited time precludes me from finishing the October column. Im very sorry for this major inconvience. It does happen once in a while, though NOT all the time, so please be patient and the rest of all your eports WILL appear in the November ETVDX. Again sorry for the 2 pager this month. Thanx for understanding! Dude from Joisey

Bill Nienajadly
PO Box 2999
Clifton NJ 07015-2999
1-201-478-3044 no collect

November 1991 3 month cutoff Deadline Dec 8 1991

I am going back to using this much smaller type again as it saves space, but it does not look as good as the other one I was using for awhile. Before we go and finish the remaining reports from last month, lets take a quick look what happened 5 years ago this month.

Flashback to "Thanksgiving 1986." ..An incredible super tropo condition developed with loggings so amazing, that conditions even lasted into the broad daylight with several UHF stations on each channel. The following were culled from various VUDs. For you newer members, this is what it was like....Bob Seybold of New York said..... ..."Most channels several deep all the time. 1000+ miles with local quality strength. Many 800+ mile stations completely wiped out regulars.." Bobs logging's were like this.."....KCRG-13-MO (720 miles) on open terminals with(no antenna attached)..." Steve West of PA (near Philly) said..." The conditions on Thanksgiving weekend were incredible-like 10 ducts at one time, always changing strength and direction.." Harry Hayes of Wilkes Barre,PA remarked..."an E-skip opening on UHF.." What really was amazing were the two way paths that occured like Danny Buntin of Stillwater OK receiving ch 29 in Buffalo NY and Bob Seybold of NY getting ch 14 in OK not to mention also KBVO-42 of Austin TX at a totally amazing 1325 miles. Other top loggings included Rich Wertman of NY logging KGMC-34-OK at 1129 miles. Glen Jacobs of PA logging KTBO-14-OK at 1254 miles. Harry Hayes with a indoor dish logged WEEK-25 IL at 710 miles. To this day , many TVDXERs swear that this was the best opening ever. Well fellow DXERs here is November, will this happen again? Keep watching. Let this retrospective of "Thanksgiving 86" remind you that VHF/UHF dxing can really be trully exciting and will keep you on your toes for the next "Thanksgiving 86" .

Tom Bryant 849 Todd Preis Dr Nashville TN 37221 CDT

8/12 ES 2059 KTVS 3 CO 1138
8/23 ES 1856 KBTX 3 TX 647
8/23 ES 1859 KPRC 2 TX 688
ES 1906 KCEN 6 TX 677
8/23 1907 XET 6 NL 1065
1915 KRIS 6 TX 847
8/23 ES 1929 KIII 3 TX 851

Notes: 8/23 opening was about the second best this year. KPRC (previously logged as Ms) seen 'floating' under local WKRN. Fm's from Monterrey also in MUF approx 94.5. 73's Tom

Frank Wheeler 6589 Wattsburg Rd Erie PA ALL E-SKIP

7/1 0928 KJRH 2 OK 927
0932 KTVY 4 OK 1030
1130 WPBT 2 FL 1110
1200 WEDU 3 FL 888
1630 KTBS 3 LA 992
7/2 1300 KTVY 4 OK 1030
1100 KUSD 2 SD 895
7/2 1130 KGFE 2 ND 960
7/8 1300 KPRC 2 TX 1212
1500 WEDU 3 FL 888
1200 WBRZ 2 LA 1016
7/15 1538 KTWO 2 WY 1328
1800 KUSD 2 SD 895
7/18 0900 KJRH 2 OK 927
7/18 0930 KSNC 2 KS 1009
1200 KTWO 2 WY 1328
1218 KSNW 3 KS 962
1905 KNOP 2 NE 1059
2000 KBTX 3 TX 1183
7/19 1700 WEDU 3 FL 888
1958 KTRH 2 OK 927
7/19 2300 KPRC 2 TX 1212
7/20 1700 WPBT 2 FL 1110
1800 WEDU 3 FL 888
7/22 0855 WEDU 3 FL 888
7/30 1800 WEDU 3 FL 888
7/31 1645 WEDU 3 FL 888

Doug Smith 14 Brookside Court Nashville TN 37209-4503 CDT -Sears $tereo 19", rabbit ears, RS corner reflec @ 6 ft
ALL Tropo July 1991 except July 30th was E-Skip

2 2300 WFIE 14 TN 121
W46- TN 82
Cookeville TBN)
WDSI 61 TN 106
WBMG 42 AL 177
WNAL 44 AL 150
UNID 23
2 2300 UNID 12
(Note # 1)
4 0000 WNIN 9 IN 128
WLKY 32 (IN)158
WDRB 41 (IN)157
UNID 13 NBC
WHAS 11 (IN)157
29 0630 WBIR 10 TN 158
WKCH 43 TN 157
WZ7AN TN 40
(Murfreesboro ChA)
0820 WBAK 38 IN 208
WNIN 9 IN 128
W52AZ IN 128 -see note # 3
29 0820 UNID 62
(note # 4)
WTVW 7 IN 128
30 ES 1400 UNID 3
UNID 6
(Note # 5)

Note # 1 Both of these UNIDs were running Love Connection, but not in parallel. Suspect ch 23 was KBSI-MO.
Note # 3 (No # 2 ?-BN) Tentative-all news program (not CNN or Headline News). W52AZ is supposedly with the All News Channel. 3rd LPTV state: that's 1 more than I ever saw from Wisconsin..
Note # 4 TBN, seems to beam the same direction as Evansville and Terre Haute.
Note # 5 Channel 3: PBS in $tereo. Probably WEDU. Channel 6 CBS Either WCIX or WCPX.

Comments: Should have probably tried FM harder during the 7/29 opening. Still need Illinois on FM & it shouldn't have been too hard to do that morning. Dunno why I can't find WTCT-27.. I've seen Memphis, Jackson, Paducah & Cape Girardeau, and on the 7/29 opening NWS station WXM49 (162.425 Mhz, licensed to Paducah but with antenna on WTCT's tower) was full quieting-into a 19" whip antenna.. So far..I've received one Illinois station (besides WXM 49!) on VHF/UHF: WYCC-20-Chicago, about as far away in Illinois as you can get! the July 30 ES was pretty good on FM. Was hoping for Cuba, and I did hear tone mixing with WCIX audio on the car radio while rushing home to DX..

Joel Rosenberg 19 Glenayr Rd Richmond Hill, Ontario L4B 2W3 (416) 884-8454

5/15 Tr 1830 WWTI ?? NY new call
5/20 ES 0900 ???? ?? ?? 1st ES
1345 ???? ?? ?? no Ids
5/23 Tr 2300 UNID 35 Montreal?
5/28 Tr 2300 Scranton-16,22,28 lite snw
38,44-cci
6/8 ES 1800 ES picking up
1907 KARK 4 AR
6/9 Tr 0930 WUTR 20 NY 215
6/13 Tr 2330 WAKC 23 OH 230
6/14 Tr 2300 CFJP 35 PQ 325
6/17 ES 2305 UNID 3 CTV
2330 ATV 4 CTV
7/1 ES 1245 UNID ?
1306 KDFW 4 TX
1530 UNID 3 PBS-KS?
7/11 Tr 0745 WGTE 30 OH
CIII 22 ON
7/15 Tr 0745 WXXA 23 NY
ES 1900 KJRH 2 OK
KLNE 3 NE
1925 UNID 4 NTV//KAKE-10
2000 KSWK 3 KS
(It is in Lakin KS-BN)
7/18 ES 0745 UNID 3 PBS
7/20 ES 1630 Weak no IDs

Joel Rosenberg continued...
On 5/29 @ 2300, on ch 22 religion. Scaranton in strong at the time. including WYOU-22, a TBN station parallel to WNYB-49 Buffalo came in through a null aimed east of Scranton, thats it for now. 73's Joel

Jim Renfrew 61 Wilcox ST Rochester NY 14607-3832 GE color TV, radio shack rabbit ears ALL TROPO LOGGINGS

8/1 2230 UNID 3
(See Note # 1)
8/16 thru 8/17
SILVER SPNG MD
2300 WHRO 15 VA

8/16 2310 WNVT 53 VA-s/off
2314 WGAL 8 PA
8/17 0130 WGNT 27 VA
0135 WTFX 29 PA
0158 WGCB 49 PA

8/17 0159 WHSP 65 NJ
0206 WTVZ 33 VA
0211 WTGI 61 DE
0245 WRLH 35 VA
0829 WPMT 43 PA

8/17 0836 UNID 67 cci u WMPB
(WSNL Smithtown NY-BN)
0858 WLIW 21 NY
9/7 AT Rochester NY
0311 UNID(See Note # 2)
0340 UNID 60(See Note # 3)

Note # 1: UNID-3 British accent drama under WSTM-3 Syracuse, no ID break. CIII-2 not observed, so wonder if WPSX instead of CKVR?
Note # 2: UNID-3 weak Pay per view cable station (221-1000 # at the bottom of the screen during movie previews). scrambled at 0330. No cable line anywhere in my house! Local PPV is cable ch 3. WSTM-3 off. What is this? (Jim, it very likely was cable leakage from somewhere outside along the lines-BN)
Note # 3: UNID-60 w/Lifecall PSA, 1-900-820-7300 ad, "sattle Mates" Western movie then faded . I have no idea what this is. Long distance unlikely due to rabbit ears and little evidence of trops on other channels. Most locals (and images) Off. (Jim, I don't know who it is. Send it in to the CCI column-BN)

Greg Coniglio 5100 Glenwood Dr Williamsville NY 14221 See previous VUDs for equipment set up.

7/29 ES 2320 WLBT 3 MS 978
KATC 3 LA 1168
7/30 ES 1100 WEDU 3 FL 1066
7/31 Tr 2130 Detroit U's-s/f
2300 WGGN 52 OH 237
WFWA 39/WKJG-33
8/2 Tr 0000 WCFE 57 NY 266
Kingston,H2Otown,NE OH
8/12 ES 1900 KOTA 3 SD 1227
8/13 Tr 0000 Cleveland-lcl-s/f

8/13 Tr 0000 Toledo & Det vgd
+SW Ont, NE to Mont&Ottawa
0030 CIVM 17 PQ 306
Local WNED-17 off the air
0030 cci to lcl WNYB-49!
0055 W64AK OH 165
(Conneaut WVIZ-25 Clev)
+8,19,43,61 Clev-s/f
0800 WCFE 57 NY 266
2300 CFJP 35 PQ 306-n/s/f

8/13 Tr 2300 CIVM 17 PQ 306
w/lcl WNED-17 @11mi on!
8/14 Tr 2320 CBLN 45 ON 146
8/25 Tr 0035 WJYS 62 IN 440
(Harmond/Chicago HSN)
0045 WNDU-16,WSBT-22
WNIT-34 & WHME, S.Bend
gd @ 394 mi,+tent Chicago
9/1 ES 0000 KGFE 2 ND 996
0000 KBME 3 ND tent.

First September ES, and just barely made it, it was gone by 0045! the e-skip seemed to hang in there later this year than in recent years. Maybe it was making up for the poor start to the season. there was some skip on Sun.Aug 11 at the convention, we saw WWAY-3 Wilmington NC. A lot of trops this time, but only one opening of real consequence (the 25th). Fort wayne (357) and Toledo , Ohio (255) have been showing up very frequently this summer. i will only report them from here on if they come in with a strong signal. thanks again to Bob Seybold for hosting the convention this year-we all had a good time!

Greg now reports from his Vacation spot in Hampton Beach NH August 17-24

WGBH-2-MA-s/f	WMTW-8-NH-gd	WI7?? ME-gd	WFXV-25-MA-s/f	WSBE-36-RI-exc	WGBY-57-MA-poor tent
WFSB-3-CT-fair	WMUR-9-NH-s/f	TBN Bangor	WMEA-26-ME-s/f	WSBK-38-MA-exc	WJOT-60-NH-exc
WBZ-4-MA-s/f	WJAR-10-RI-exc	UNIDS upper	WTWS-26-CT-fair	WGBX-44-MA-s/f	WMFP-62-MA-s/f
WCVB-5-MA-s/f	WCBB-10-ME-exc	teens Spanish	WHLL-27-MA-s/f	UNID 46 or 47	saw color bars & old movie
WCSH-6-ME-s/f	WUNH-11-NH-s/f	WTXX-20-CT-poor	WVIT-30-CT-poor	WNDS 50-NH-s/f	WHSH-66-MA-s/f
WLNE-6-RI-s/f	WPRI 12-RI-exc	UNID 23 or 24	W33AK NH-exc	WPXT-51-ME-s/f	
WHDH-7-MA-s/f	WGME-13-ME-exc	WCBB Augusta x;tr	Nashua VJN	WLVI-56-MA-s/f	WQTV-68-MA-s/f

Distances approx for above....:NH Derry 55, manchester 62, Durham 20, Mt Washington 95 miles
MA Boston 44, N.Bedford 92, Springfield 104, Lawrence 23, Worcester 64.
RI Providence 80, CT Hartford 120, New london 124, Waterbury 148.
ME: Biddeford 39, portland 57, Augusta 112, Bangor 168.

Skip was seen Thurs evening 8/22 around 2200. KETS-2-AR popped over WGBH with a fundraiser. Also tentative WREG-3-TN on ch 3, coming in with WFSB's audio. CCI was seen up to ch 6, but no FM Es noted. maybe someone knows what some of the UNIDs are, presumably new translators; 33 or 34 With Boston Video Jukebox, excellent signal if it is fact a LPTV on 17 w/TBN, which I assume is Bangor from the listing printed in the May VUD. Also Spanish around 18-20 on a rotary dial TV, and the WCBB xltr on 23 or 24. Also noted on the road, 64 TBN in Albany is on the air, and there seemed to be a LPTV in Utica on channel 11. We were there for Hurricane Bob: quite a experience, spending a whole day in a shelter. after the hurricane, conditions were very dead, but gradually improved. I was amazed how strong Boston station on FM/TV got into Hampton, 25, 38 and 56 were imaging, 4 & 5 were very hard to null, and even the VJN was almost snowfree. 73's Greg

Harry Hayes 9 Henry St Wilkes Barre PA 18702
RCA 1971 color TV, Finco 6' dish in attic, PA 4975 Amp.

9/24 Tr 0850 WHAG 25 MD 145
9/24 Tr 0900 WITF 33 PA 100
10/2 Tr 0800 WTBY 54 NY 100

DX is still "el stinko", too much dry weather and cool temps this fall. October is starting somewhat warm & moist so possibly still some hope left.

Matt Sittel PO Box 21451 511 J Wood Hall NCSU Raleigh NC 27607 (919) 834-6053

Equipment: 4-bay bowtie UHF, Winegard CP-4800 Amplifier, Rabbit ears fore VHF, Armstrong Rotor for all!

8/18 Tr 0830 WFTY 50 DC 242
8/19 GW 1358 W57BQ NC ??
8/22 Tr 0830 WTAT 24 SC 200
8/23 ES 2000 UNIDs 2,3,4,
8/28 ES 2140 UNID 4
8/31 Tr 0034 W51BH VA 166
9/2 Tr 0900 WHNS 21 NC 229
9/5 Tr 0900 WTAT 24 SC 200
1835 WCES 20 GA 266
to WTAT 24 SC 200
2330 WAGT 26 SC 239
W35AR NC 28
Smithfield TBN
9/6 Tr 0532 WEBA 14 SC 233
to WJWJ 16 SC 236
1017 WCES 20 GA 266
WTAT 24 SC 200

9/6 Tr 1017+WDCO 29 GA 344
9/8 Tr 0506 WT9BC VA 113
Lynchburg-Family Net
0958 WTAT 24 SC 200
WFTY 50 DC 242
WTKK 66 VA 225
9/10 Tr 0813 WBOC 16 MD 255
to WETA 26 DC 241
0921 WFTY 50 DC 242
9/12 Tr 0830 WBOC 16 MD 255
0900 WTAT 24 SC 200
9/14 Tr 0820 WTAT 24 SC 200
9/15 Tr 2159 WTAT 24 SC 200
9/16 Tr 0113 WITV 7 SC 200
to WEBA 14 SC 233
1035 WHNS 21 NC 229
WTAT 24 SC 200

9/16 Tr 1939 WVAN 9 GA 298
to WEBA 14 SC 233
9/17 Tr 0023 WCES 20 GA 266
WBSG 21 GA 358
to WTAT 24 SC 200
0928 WAGT 26(SC)239
WTGS 28 SC 266
W51BH VA 166
WFXG 54 GA 247
WEBA 14 SC 233
WTAT 24 SC 200

I hope everyone has been getting some fall trops by now, although technically the above is summer trops, hi! I purchashed a new amplifier from Rich Wertman, and I am very pleased with the results. I hope to get more trops with it. 73's Matt

John F Combs PO Box 7581 Tallahassee FL 32314 (904) 878-6317 A'L SEPTEMBER 1991 TROPO

5 0600 WLTX 19 SC 325
WTAT 24 SC 317
WJPM 33 SC 373
WACH 57 SC 313
0605 W67BJ GA 214
Savannah TBN
0607 WPDE 15 SC 394
0626 WRLK 35 SC 319
W51AR GA
Tifton ACTS
6 0840All Tampa Bay
LPTVs 14,24,61
63,68 Super
W14AW over
WABW-14 !
0852 WNPL 46 FL

7 0111 WRJA 27 SC 332
11 0910 WGNO 26 LA 340
WLAE 32 LA 341
WNOL 38 LA 340
0918 WVNJ 39 NC 436
0922 WFCT 62 NC 429
0926 WJKA 26 NC 436
0927 WGSE 43 SC 393
12 0508 WGNO 26 LA 340
WNOL 38 LA 340
0529 WVLA 33 LA 417
13 2130 New Orleans-26-38
2307 Wilmington 26,39
2308 WHMC 23 SC 386
W33AL GA 169
Brunswick TBN
w67BJ GA 214

13 2308+ WGSE 43 SC 393
14 0047 WVUE 8 LA 341
0050 WYES 12 LA 341
15 0034 N. Orleans8,12,26,38
0105 WHLT 22 MS 302
0111 WTZH 24 MS 292
WLBM 30 MS 292
WWL 4 LA 346
0900+Many signals incl Meridian,Columbus,Charles--ton,Fayetteville-too busy
16 0615+WGNO 26,WTAT-24
21 2200 WMPN 29 MS 381
2225 KLRT 16AR 565
2244 WAPT 16 MS 377
2259 KASN 38 AR tent
22 0004 WMAO 23 MS 420

22 0031 WXVT 15 MS 432
0104 WLOV 27 MS 365
0135 KDEB 27 MO 681
see comments!!!!!!!
0750 WHNT 19 AL 325
0325 WCFT 33 AL 267

Equipment,
4 Bay UHF antenna monted on floor fire escape @ 28 ft AG, Winegard AC 4990 preamp, ArcherV-120 VHF ant in bedroom on 3rd floor (25AG), Archerotor for UHF, "Arm-strong rotor for VHF, Technika TVC-22 tuner, Ambassador 12" B & W TV (1978) several VCRs & assorted other junk.

Tropo begins its annual fall comeback! the opening of the 21st & 22nd was strange-nothing on the weather map indicated any hint of potential trops. I confirmed KDEB-27-MO by phone-turns out using TVG would have done no goog as a ballgame had delayed their late night schedule by about 2 hours! I had cci on 21 & 33 earlier that evening that was likely Springfield,too. All signals in this opening were rather wimpy (except KLRT-16, which was in color at times). Anyway, KDEB-27 is now the longest overland tropo I've seen! been a good month when one can log 3 new stations on the same channel as a local (27) after that local signs off (WRJA,WLOV,KDEB)

My mother bought an Ambassador 12" B & W TV at a garage sale-it turned out to have a really decent tuner in it for both VHF & UHF! I swapped her for it and will put it to the test Oct 6-11 when I will be staying a top Mt Cheala AL. This is not a DXpedition , but a vacation, so equipment will be minimal: the 12 " TV, a UHF 2-bay, a preamp and bunny ears. Hopefully, WCIQ-7 won't be too much of a problem . 73's John

Tom Bryant 849 Todd Preis Dr. Nashville TN 37221 CDT ALL TROPO LOGGINGS

9/22 0003 KSPR 33 MO 344
0028 KOLA 10 MO 345
0032 KDEB 27 MO 344
0059 WTOK 11 MS 275

9/22 0100 WALA 10 AL 372
0106 KAIT 8 AR 226
0159 KPLR 11 MO 254
1857 WTRT 26 AL

9/22 2344 WTTO 21 AL 176
2351 WLOV 27 MS 198
9/23 0131 WDBB 17 AL 178
0143 WBMG 42 AL 176

9/27 0136 W62BH KY 70
0159 W27AN TN 34

Antennacraft P-5 @ 25 ft, (5 ft parabolic) w/ Antennacraft AP 7820 preamp, Antennacraft (VHF) CS-1000 @ 20 ft: RG-6U (two separate feeds), Archerotor, 13" Portland TV & Emerson VCR 754-VHS.

Notes: Even what seem to be quite dead conditions, the results with the new antennas are remarkable...especially on UHF. For example, I'm now consistently seeing 22 from Cookeville TN: along with many others from KY, AL & MO that were seldom in with the old Archer VU-160. Thanks to Doug Allen for the advice & special DXer price on the new gear.

CALL LETTER CHANGE for ch 27 in West Point MS..was WVSB now WLOV. WDBB seen after local WZTV signoff, but WDBB stayed on with "infomercials". the new LPTVs logged were right under my nose all the time, but I just never got them with the old set up. (Tom returns on the following page....-BN)

And Tom Bryant continued..

...W43AG in Hopkinsville, KY (70 miles) really gets out..on 24 hrs..mostly NEWS CHANNEL satellite feed but some local origination..always a small '43' logo superimposed in the lower right corner. Im really axious to see what this system will do when a good opening pops up! 73's Tom

Mike Reid 1408-65 Spring Garden Ave. North York ON M2n 6H9 Zenith 19", Icom R-7000, RS 2 bay & AC-4990 amp

ALL TROPO LOGGINGS

7/11 0631 WEYI 25 MI
0650 CBEFT 25 ON
0710 WKAR 23 MI
0711 WFUM 28 MI
0730 WVCX 35 MI
0752 WNWO 24 OH
7/12 0840 WSNR 43 NY
7/15 0552 WXXA 23 NY
0615 WEYI 25 MI
0650 W65AJ NY
0840 W64AJ NY
W62AS NY
W66AD NY
7/16 0723 WDAC 67 OH
0735 CBLN2 34 ON
0745 W72AQ NY
W81AI NY
0825 WFWA 39 IN
0830 WBOAK NY
0845 WGGN 52 OH
WLIO 35 OH
0950 W64AF NY
7/17 0845 Ft Wayne-33-39
8/7 2345 WSYT 68 NY
CBLFT17 68 ON
W62AN NY
WGPR 62 MI
2357 WADL 38 MI
8/8 0002 WKAR 23 MI

8/8 0016 CBCE 16 ON
0427 CBLN5 20 ON
0432 CICO 24 ON
0435 WFXV 33 NY
w/muchmusic (?!-BN)
0500 WSNR 43 NY------1
0915 Binghampton 34,46
8/13 0900 CHLF2 39 ON
0920 CIC096 48 ON
8/16 2320 Ft W,33,39,55
2321 WGGN 52 OH
8/17 0101 WNWO 24 OH
0520 CBLFT17 68 ON
0525 Det,20,38,56
8/22 Ft Wayne,21,33,55 @ 0300
8/24 2345 Ft Wayne U's
2358 WKAR 23 MI
8/25 0000 WMCC 23 IN
WNDU 16 IN
0010 WXON 20 MI
0030 WXIN 59 IN
0045 W54AV PA
0125 WLFI 18 IN
0205 WETM 18 NY
0259 WDLI 17 OH
0311 WJYS 62 IN-HSS
0344 WEYI 25 MI
0401 WTJC 26 OH
0401 UNID 25-------2

8/25 04154W48AP OH-ss nx
0422 WEHS 60 IL
0440 WTLJ 54 MI-HSC
0445 WFLD 32 IL
0457 WCFC 38 IL
0558 WSMH 66 MI
0622 WXMI 17 MI
0742 WGVK 52 MI
0755 WCMU 14 MI
0815 WDJT 58 WI
0843 WKEF 22 OH
0902 WMVT 36 WI
0940 CBCE 16 ON
1017 UNID 15-----3
8/28 0720 WKAR 23 MI
WEYI 25 MI
0740 UNID 59 -----4
0845 CHLF2 39 PQ
CIVO 30 PQ
8/31 0215 WGKI 33 MI
0235 WTLJ 54 MI
0312 WXMI 17 MI
0315 WFLD 32 IL
0320 WEHS 60 IL
0335 W66BV MI
0700 Ft W, 15,21,33,55
0725 W48AP OH
0825 Scranton 16,22
9/2 0005 Ft Wayne U's

9/2 0120 WMCC 23 IN
0200 CIVO 30 PQ
9/4 0922 WOSU 34 OH
0925 W50BE OH
9/7 0845 WCMU 14 MI
0940 Ft Wayne 39,59
9/11 0915 Ft Wayne U's
0929 W66BD IN----6
Ft Wayne IN
0952 WSBT 22 IN
0955 WNIT 34 IN
1000 WOUC 44 OH
1020 WNDU 16 IN
2330 WBRA 15 VA
2344 WEFC 38 VA
9/12 0007 Scranton 16,22
0035 WANE 15 IN
0715 WKAR 23 MI
0900 WOUC 44 OH
0920 WOUB 20 OH
0929 WITE 28 OH
0930 WOSU 34 OH
0935 WETM 39 TN
0945 WTCI 45 TN tent
0955 WTLK 14 GA
1045 WTAP 15 WV
9/13 0915 Scranton 16,22
0935 WMGC 34 NY

-----Notes--- # 1 light snow, watchable. WT8AL IDs.-----# 2 25+ w th religous program. Suspect Marion IL. Not WEEK. ---# 3 15- CBC English w/satellite delay from CBLT. Ottawa/Mt. Laurier FM's coming in very well. Suspect Maniwaki PQ over Temagami ON. Certain station had a minus offset, there was slop from WANE (15+) however. Anyone have current offset information on Maniwaki?---------# 4 CBOT repeater w/plus offset. Obviously new.------# 5 Really was a open -ing to Rochester, Syracuse, Utica, etc. Funny what can creep in.----------# 6 Local fundraising. WINM xltr? -----# 7 A good reason to start bandscans at ch 14, even when you don't think there is anything to get. 14+ with Family feud. About 730 mi, new distance record for this place. (Nice going!-BN)

At 0900 on 8/29, CBLFT-25 was +21 khz off frequency, by signoff this had to increased 27.5 khz. this caused a similar drift in the repeaters as well. they were back to normal the next day. CBOT-5, McArthur Mills now has a zero offset As I write this (9/30), there seems to be some tropo activity after a stretch of no trops.

Here are some offset information for some allotments that are newer than the TV Data Base and for some stations whose offsets weren't given there, All Ontario

Chatham 64+
Cloyne 55-
Cobourg 27z
Hawkesbury 39-,48+
Kitchener 56+
Little Current 16+
London 53z
McArthur Mills 42+
Midland 7z
Owen Sound 4+
Midland
Penetang 51z
Sud bury 25-
Sarnia 34-
Toronto 41z
Wingham 45z
Wiarton 20-
Wiarton 20-
Hull PQ 49z

(Mike, thanks for that very Valuable information, I'm others will benefit-BN)

73's Mike

Saul Chernos PO Box 611 Orillia Ontario L3V 6K5

8/13 ES 1357 WPBT 2 FL
8/25 Tr 2045 WXON 20 MI
2100 WNWO 24 OH
2104 CICA 53 ON-TVO
2140 WDIO 19 OH-Fox

From Orillia

7/19 ES 2315 WPBT 2 AL 7/22 1730 WDIQ 2 AL 7/22 1743 KSNC 2 KS

From Burnt River

8/25 Tr 2145 CB 56 ON-CBC,EE
2145 CB 40 ON-CBC-EE
2205 WUAB 43 OH
2208 WIZ 25 OH
2212 UNID 49 (WNYB-49?-BN)

8/25 Tr 2230 WUCX 35 MI
2235 CICO 32 ON-TVO
2312 CBLFT 61 ON-FF
2314 CB 45 ON-EE
8/26 Tr 0023 CB 20 ON-EE
0059 CIII29 ON
Global TV
0114 CKCO3 42 ON
// to CKCO 13

---------See next page for the rest of Saul Chernos' report----------

Saul Chernos continued.....
....not exactly a banner year. The channel 49 Gospel UNID gave phone #'s (618) 947-1851 and (714) 731-1000. Maybe Buffalo NY, but I have my doubts. This was the first time I've ever had moderate success on UHF with indoor equipment. 73's SAUL.

Tom Yingling Jr. ARS KA3TCC 221 Pinewood Rd Baltimore MD 21222-2345 EDT local time ALL ES from Baltimore

7/8 1600 ES weak ch 3
7/18 2000 KTBS 3 LA
WWL 4 LA
2015 KATC 3 LA
7/19 1830 CUBA 3 NTV
WEDU 3 FL
GW- 1700-WRC-4-DC relaying
WFTY news,diff, commercials
7/20 1100 WEDU 3 FL
7/26 2030 ES wk @ ch 3
7/30 1500 KBTX 3 TX
1530 KTBS 3 LA
8/1 1600 WKRG 5 AL-see note
1700 WEAR 3 FL
1730 WEDU 3 FL
2037 CUBA 3 NTV-6

Note: I just got my Icom IC-7000 from UPS, and there was skip in (how nice), hooked it up to my 10 meter ham vertical, heard another ch 5 audio that did not match the TV set. My first time to log one station on the vertical antenna while I was using another set on a horizontal!
For Baltimore: Sony TV model kv-1214, 1975 model year, Teknika TV Tuner model 6510, cheapie amp on VHF 12 db gain, Winegard 4975 on UHF, Channel master Quantam 1114 VHF antenna, plus a UHF dish, fixed direction (rats) rotors down. CM (Channel Master) traps tuneable, 7008 for ch 2-6, 7009 for 7-13, 7206 for ch 14-83. CM single channel band pass filter model (s) 7483 for ch 3, 0556 for ch 6. Microwave Filter Co. traps for channel 2 video , 5KV-2

* * * * * * * * * * * * DX received at Ocean City MD *

ALL TROPO LOGGINGS

7/24 2230 DC-4,5,7,9,20,
DC-32-50 -note # 1
Balt-2,11,13,22
Balt-24,45,54,67
Philly-3,6,10,12
Philly-17,29,35,57
7/24 2300 Salisbury
-16,28,47
2310 WEDW 49 CT
2330 Richmond VA
-6,8,12,35
7/25 1015 ES ch 2-SS
note # 2------on scanner-not TV!
7/25 1530 WNVT 53 VA
WGNT 27 VA
WVIR 29 VA
WHTJ 41 VA
WRLH 35 VA
2030 WZXK 65 VA
WRIC 8 VA
7/25 2100 W34AX NC
2230 WNJT 52 NJ
WLIG 55 NY
UNID 44 - all nx
2300 WJCB 49 VA
2330 WNAC 64 RI
2350 WTXX 20 CT

For Ocean City: TMK-717 AM/FM/SW/ 2 " B & W TV, 10 element yagi beam like antenna, 75 ohm feed (for old pay TV station ch 50) hand held, with Armstrong rotor, no preamps.
Notes to report ---# 1 Most Ocean City loggings came and went as the weather fronts came through the area
---# 2 Was using my Regency MX-7000 scanner on whip antenna

Well, thats all for now. I hope to have my antennas back to normal soon. The VHF antenna is fixed one direction, dish is down, I got a new tripod, now just to fing time to put it all up again. 73's

(Ed Notes: Tom sent another report before this one, which I misplaced and unfortunatley I can't seem to find it sorry about that, but I recall Tom saying that his antennas fell down along with some shingles on the roof during a storm and hit his Mom's car I belive he said, correct me if I am wrong--BN)

Bob Seybold 10567 Bennett Road Dunkirk NY 14048

August 27-trops-0430-1000 EDST-WLIW 21 (new), Poughkeepsee 54, riverhead 55, Smithtown 67, Conn, 20 & 30, WVTA (vermont translator on 63,, unided translator on 69 to the est,. Elmira, Binghampton very strong, also Scranton U's, Washington DC 20,26,32 & 50, Hagerstown 25 & 68, Altoona 23, York 43, WLYH 15, Canadians to nothest above nor--mal, WTAP 15, Tenn 19, Newark (Ohio) 51: Ft Wayne 15,21,33,39,. outh bend 16 & 46, Cadilliac 33: WMCU 14, Grand Rapids. 35, WLIO 33, Angola 63, Muškegeon 54, Lansing 33, Kalamazoo 52:, late afternoon Dayton 16 &-68.

August 28-0500-1000 EDST Cadilliac, Muskegeon, Grand Rapids, Ft Wayne, South Bend, Angola 63, Poughkeepsee 54: Conn 20 & 30, Scranton, H2Otown, Elmira real good, canadians to the North good, Syracuse, Ohio normal, WMCU 14, Sandusky 41 & 52, Lansing 23,47,53,67,: WETA 26, WHP 21, WLYH 15...Hershey 33 did not check in evening.....

August 29-1991 -0500-0930- Conn 20,26,30, WETA 26, WHAG 25, WHP 21, WITF 33, Poughkeepsee 54, York, Lebanon, Scranton TBN-14-Binghampton (new), Boston 25 and much of general run good (Indiania, Ohio, Muskegeon)

8-30-Chicago -26 & 60, Michigan 14,52, 35,23,28,33,17,47,53,67, Angola 63, Ft Wayne, South Bend, Sandusky, WUTR 20 WVIA 44, LaSalle 35, Grand Rapids 35, Muskegeon 54, Canton 17 on 39(Youngstown).

8-31-0500-1000 Chicago 20,26,32,38,44 & 60, Indiana 15,16,18,20,21,22,23,28,29,33,34,39,40,46,62,63,69,..Michigan 14,15,17,19,20,23,25,26,28,31,33,38,41,17,49,50,52,53,56,59 (LPTV new to me) 62,64, 66 (2), 67: Ohio 22,26,34, Rockford 39, Dubuque 40, Iowa 36,14, PBS on 15, Madison 15,21,27, Milwaukee 36 & 58

August 30-evening- WHIZ 18, Columbus, Dayton, Springfield, Newark (ohio), sandusky, Ft Wayne, South Bend, Angola 63 Saginaw-, WMCU 14, also 0500-0930 Conn 20 & 30, WHP 21, PA 15,16,17,21,22,28,33. Binghampton 14,34,40,46, Elmira Utica 20, York 43, Smithtown 67, WVTA 41 on 63, Watertown (H2Otown-BN) Garand Rapids 15

Sept 1-0500-1000- canton 17 (also on 39), Tenn 39, Ohio 14,16,18,20,22,24,26,27 (WBGU), 28,30,34,35,36,41,42,44 (WOVC) dayton 45, Mansfield 47 & 50, Newark 51,52,58 (Youngstown) Cincinatti 64 & 48, Dayton 68, Indiana 15,16,18,20,21,22 23,28,33,34,38,39,40,42,43,46,55,59,62,63,63(Angola & Bloomington) Michigan 14,17,19,23,25,28,31,33,35,38,41,47,50, 52,53,54,62,64,66,66,67, Illinois26,32,38,35,44,60, Kentucky 21,32,36,52,56, Pittsburgh 16,22,40,53,63, WTAP 15 W48AA Martinsburg, WLYH 15, WNEP 16, Philly 17 & 57, Altoona 23 & 47, PA 21,22,28,33,39,38,44,51, baltimore 45 & 54 VA--46, Washington DC 20 & 26, Conn 20 & 30, poughkeepsee 54, Binghampton 14,34,40,46, Elmira, H2Otown, Milwaukee -58, Rockford 39, Hagerstown 23,

(Bob Seybold continues on the next page-BN)

Bob Seybold continued.....
Sept 2-0500-100 Phill 29, WHP 21,York,Hagerstown 25, Altoona 23, WLVT 39, WLYH 15, WETA 26, Poughkeepsee 54 Michigan U's (see last ETVDX page), Ft Wayne- WSBT-22, WNDU 16, Angola 63, WLFI 18, Indiana 62, 28,34,46, Sandusky 41 52, PA 51, Pitt 61, Newark Ohio 51, WTAP 15, Little Current 16, ...

Sept 3 Michigan-14,23,25,28,35,47,..... E-Skip channels 2 & 3 about 2100

Sept 4 0430-1030- great trops opening, Peoria, 19,25,31,47 super strong, Indiana 15,16,18,20,21,22,23,28,33,34,38, -39,40,42,43, 45 (FT Wayne) 46,62,55,66 (Ft Wayne new) 69 (South Bend), 63,63,59 Illinois 43,51,15,23,39,35 Chicago -26,60,32,38,44, Michigan U's, Milwaukee 18 & 36, evening Chicago up for one hour very strong all U's even 20, Oakland mansfield 36, Pittsburgh, canton U's, Hershey, york, WLYH-15, PA 51,

Sept 5-0500-0930 Conn 30 & 61, Watertown 16, Norwood 18, WUTR-20, Poughkeepsee 54, Binghampton, Elmira, Syracuse good, Altoona 23, WLYH-15, York 43, WHP 21, Hershey Lebanon 39, Canton 17 on 39, Ohio 20,44,18,52,51,26,22. Ft Wayne, WNDU -16, WSBT 22, WMHE 46, Muskegeon 54, Philly 17 & 29, Rochester super 15 & 38 strong, evening, Belleville, Kingston -Ontario U's very good,

Sept 6 -0500-1000 Philly 17, Scranton, York, Lebanon good: Altoona 23, Poghkeepsee 54, (Southren Tier U's) WHP 21 WHAG-25, WNDU Ft Wayne U's, WHME 46, Youngstown 39, (Canton 17) lansing U's:...evening Angola 63, Belleville, Kingston, Ontario U's good: Ft Wayne, Michigan U's super, WNDU 16, WHME 46, dayton 68, WLYH 15, York 43, sandusky, bowling Green U's.

Sept 7-0500-100 trops very good -Mich- LPTV's 15,59,69,66,67, other Mich U's great, Chicago 26 & 60, all South Bend -U's including 69, Columbus 17 (LPTV) new, East PA U's etc. IN,OH
Sept 8 0500-0930 PA 16,17,43,15, IN 15,16,21,22,28,33,39,34,46 & 63 all good, Mich U's above normal.....
Sept 9 same time Mich U's above normal, lansing, Cheboygan 4 (rare), WDTV 5 (W.VA), Mich U's super strong, Traverse City 31,33,35, 35 (Grand rapids & Bad Axe) 38,41,47,49,50,52,53,54,56,59,62,66, 66 (Detroit & Flint) 67 & 69 South Bend U's good, Angola 63, WETA 26, WHP 21 + NE PA U's, WTZA 62, York 43, WUTR 20,
Sept 10 -Weak trops, tropscatter, Dayton 16,22,45, WJTC 26, WOSU 34, WOUB 20,
Sept 11 evening Chicago U's great, Milwaukee U's, Indianapolis U's great, W47A (VJN) Indianapolis (new) WMCU 14, Bloomington 42 & 63, Angola 63, Ft wayne great, same for South Bend , also Dayton, OH 14,16,17,18,22,26,27,28,34,48,41, -48 (Toledo LPTV) 51,52,68, Rockford 39, Michigan U's strong, Indiana U's..

Sept 12 -0430-1030 SUPER TROPS-WTLK 14 Rome GA (new) (Wow!!-BN),WOUB 20, WMCU 14, W14-- Binghampton,WLYH 15, Ft Wayne u's, W15A Grand rapids, WTAP 15, Knoxville 15,Florence Ala 15,WKPC Louisville,South Bend U's including 69, WNEP 16. Watertown 16, Norwood 18, Pitt u's incl 63, WHIZ-18,WLFI-18,WLEX 18, Elmira 18, Milwaukee 18,30,36, WKPT 19, Dayton 16, Oxford 14, Indianapolis 20,40,59, WUTR 20, WDCA 20, louisville 21, Birmingham 21, WHP 21, WSBT 22, Burlington (VT) 22, W22A Olean, Dayton 22, Annapolis 22: Scranton 22, Pittsburgh 22, Windsor 22 (8 on 22 alone). Altoona 23 Marion 23, WEYI 25, WHAG 25, WTWS 26 CT, WETA 26,WJTC 26, WCIU, 26, Lexington 27, WBGU 27, Harrisburg 27, Columbus 28 & 34, also columbus Ohio, W8A (?-BN) religious programs (new), WSJV 28, WFUM 28, WVIT 30, Nashville 30, Philly nashville 17, canton 17, WLKY 32, WFLD 32, WITF 33, Bu rlington 33, Hunington 33, Binghampton U's, LaSalle 35, grand Rapids 35, Lexington, Scranton 38, Chicago 38, Greenville Tenn 39, W39AH Youngstown, WLVT 39 , WUHQ 41, Louisville -41, Sandusky 41 & 52, WPBO 42, Birmingham AL 42, Richmond 43, Tenn 43, York 43, -----?_____43 East TBN, WVIA 44. Lima 44, WOUC 44, WRGT 45, Clarksburg 46, Altoona 47, norton VA 47, Lansing 47, WCET 48, Huntsville AL 48 (!!!-BN) saginaw 49, Mansfield 50, Watertown 50, Ashland Ohio 59, W59A jackson Mich, Bloomington 42 & 63, Newark 51, Reading -51 (rare), WGGN 52, Kalamazoo 52 & 64,WKON 52, WWAT 53 snowfree & rare, lansing 53, Muskegeon 54, WKKY 56, Hazard KY 57, Plattsburgh 57, W59A- Rochester NY, ____-38 (VJN) from the south/southwest, seen & heard several times: Chicago 60, Hammond In 61, Kingston NY 62, Angola 63,Flint 66, lansing 67, Dayton 68, W69__ lansing, WTCI-45 (Tenn) WCLP-18 Chatsworth GA (Super WoW!!-BN) This was one of the better tropo days for me this season.

SEPT 14-0500-0900 WXMI-17, Philly 17, Grand Rapids 33, Altoona 23, Ft Wayne, South Bend , Indianapolis
Sept 15 Indianapolis 40, Canton 17, WEYI-25,-evening Columbus, Dayton,: WCET 48, WJTC 26,
Sept 16 & 17 Columbus, Dayton U's , WJCT 26,-evening on the 17th, washington 20 & 26, York 43, WLYH 15, WITF 33 WLVT-39, WHP 21, WOUB 20, WOUC 44, WTAP 15, Trenton 52, Scranton 16 & 38, Ft Wayne U's, South Bend 16 & 46,
Sept 18-21 scattered weak trops from Columbus, Dayton U's That's it 73's Bob

Joseph Fela -150 Robert Place - South Plainfield, N.J. - 07080

Equipment: G.E. monitor, Antennacraft P-7 dish @ 35 ft., Winegard PA-4975 amp, rotor.

AUGUST 1991

26 Tr 0558 WCNC 36 NC 516
0600 WJZY 46 NC 515
0600-0700 Baltimore-Washington
WFPT-62 MD and Central PA all in well but no other NCs except for possible WNRW CCI on WBFF-45.

27 Tr 0645 WENY 36 NY 157
(almost s/f)
0650 All Scrantons way above normal.

30 Tr 0037 W57BC 57 NY 41
(Mineola WLIG-55)

COMMENTS: Except for an occasional Norfolk or Coastal MD opening in August, there was very little DX during the month. And, to repeat myself from last year, Washington, Baltimore, Hagerstown, Central PA, and a few other areas are so common that I do not make note of them in the logbook (e.g WFTY-50 is there virtually every night after local WNJM-50 signs-off). Otherwise, local LPTV W36AS New Brunswick, N.J. is on the air. It's schedule is Sunday mornings only. An hour or two of color bars, then some Indian programming for another hour or two, and then off. Generally by 1400, it's programming is done for the week!

73, Joe

Eastern TV DX November 1991

Robert Ross (VE3JFC) BOX 1003 Station B London Ontario N6A5K1

7/26 ES 2104 WDAF 4 MO
2127 KFDX 3 TX
7/30 ES 2350 WJXT 4 FL
1850 CUBA 2
Tele Rebelde

7/31 Tr 2314 WOKR 13 NY
2321 WROC 8 NY
2355 W38AW NY-ROC
8/11 Tr 2300 W67AL OH

8/25 Tr 0055 WWTI 50 NY
0144 WSYT 68 NY
TV station # 300!!
0325 CICO 42 ON

8/25 Tr 0410 CBOFT 34 ON-?-FF
8/29 Tr 2330 W44AG PA-Erie,TBN
2345 WQEX 16 PA
2355 WPTT 22 PA

Jeff Wolf 1131 University Blvd W Apt 701 Silver Spring MD 20902

7/29 ES 2305 UNID 2 PBS
2356 UNID 3 NBC
7/30 ES 0200 MUF 2
1800 WEAR 3 (AL)
WDIQ 2 AL
2106 CUBA 3
7/31 ES 1800 WDIQ 2 AL
MUF 5
1830 ABC 3
2059 MUF 2
8/2 Tr 0311 WTWS 26 CT
0313 WYED 17 NC
0318 NYC cci 2,4
no NYC UHF
0728 NYC VHF cci
NC 17,36
0739 WNCT 9 NC
WRNW 45 NC

8/2 Tr 0739 UNID 42
8/3 Tr 0301 WYED 17 NC
0856 NC 45,61
1015 WNEO 45 OH
8/11 ES 2333 UNID 2 -Note # 1
8/12 ES 1830 MUF 4
1836 CUBA 3
8/12 Tr 2320 VA 29, NC 45
8/12 ES 2352 WPBT 2 FL
2356 UNID 2 NBC
8/13 ES 0000 WEDU 3 FL
0006 WEDU ID ?3/4 cb
0007 WEDU 3 s/off
0028 MUF 2
GW 0120 WHSW 24 off
ES 0201-0204 UNID-3
Tr 0231 WTTE 28 OH
0656 W14 DE

8/13 Tr 0656+NC 28,45
8/15 Tr 0033 WPMT 43 PA
0116 MD 25, WV 44
very good
0737 NC 16,45
8/16 Tr 0004 W44AA WV Note 2
0202 WPTF 28 NC-s/off
WYED 17 NC
WLFL 22 NC
0213 W40AH VA
8/17 Tr 0911 WLIW 21 WLIG-55
WNJU 47 cci
8/18 Tr 0644 W28AL VA-Note 3
0839 NYC 47 cci
8/23 ES 1830 MUF 3
8/26 Tr 0156 WKBN 27 OH
0659 WBRA 15 VA
8/27 GW 0158 WDCA 20-off

8/27 Tr 0158 WLIW 21 NY
fair to good
UNID 21z cci +
0200 WLFL 22 NC
WPTT 22 PA
0232 WFMJ 21 OH
0235 WNET 13 NY
0554 WBRA 15 VA
8/28 Tr 0132 VA 23 ID 3/4cb
GW 0133 WDCA 20 off
Tr 0133 WFMJ 21 OH
UNIDs21 cci
0137 WNEO 45 OH
0145 WPTT 22 PA
NC 22
0145 WAKR 23 OH
CCI
XXXXXXXXXXXXXXX

Notes---# 1--Reporter " 2 live Skybeam in Jefferscn County " on screen .------# 2 tp grid with triangle insert of cb tp, WNPB ID bottom right.-------# 3 The numbers 10,24,28 on left WAZT on bottom rignt. Inis was on screen durin programming.....

William R. Hepburn 35 Lockwood Rd Brampton ON L6Y 4I7 (EDT)

DX From Mississauga ON

August 1991

13 ES 0018 MUF 2
17 TR 0059 WFXV 33 NY 230
Utica-Rome $
0205 CFCF 12 PQ *
(* cable TV)
22 TR 0019 CICO 42 ON 116
Parry Sound
w/TVO tp
(see note #1)
22 TR 0124 C____ 25 ON 215
Sudbury FF
TVO-La Chaine
24 TR 2118 WRGT 45 OH 345

September 1991

3 TR 0113 WEYI 25 MI 220
Saginaw-Flint-
Bay City $
4 TR 0759 WFWA 39 IN 335
0820 Dayton Us 345

(Note #1) : It's hard to tell this one apart from the TVO on 42 in McArthurs Mills -- however this opening was highly directional to the north while McArthur is to the northeast.

Comments: I've now moved into a house in Brampton. It's amazing how the Buffalo signals drop off so sharply only 8 miles furthur north. WNYB-49, which blasts in in Mississauga even creating an image on ch 34 ... has plenty of snow here in Brampton. Chs 2 & 4 are rather weak. Great for DX (ES esp.) ... however this is now a case where what's good for DX is not so good for regular TV viewing. I'll be putting up outdoor antennae by next summer.

73s, Bill

Dude from Joisey PO Box 2999 Clifton NJ 07015-2999
Nothing worth mentioning in the way of DX, It is mid October and the conditions stink. What else is new hi!

Editor's notes: About the absence of this column in the last two months, I have no apology. I sent my column (s) in time to HQ. The first time I likely got lost in the mail (I did send it in time.). Last month I sent ETVDX via next day air and the post office told me it got there in time on my deadline, the 20th, but the envelope was not taken until the 26th from the postal box! Can't blame me for that! So Im trying again, to send this column next day air, 2 days before my deadline, if this column doesn't show in November, again don't blame me, please.

Do blame me on the new look of ETVDX, I've used much smaller print and went to FOUR columns instead of 3 to save space and the 7 pages this month would have been 11 pages + under the old print type that I was using. Goodxing!-BN

WESTERN TV-DX

Fred McCormack
Box 17860
St. Paul MN 55117-7860

November 1991

Deadline: 12-12-91
Cut-off: 09-01-91

This year's tropo season is the WORST IN HISTORY... that according to Jeff Kadet. From the lack of reports, it appears that has been the case. Only August 25th was reported with tropo out to 500 miles, as seen by Robert Kramer.

CORRECTION - Way back in August, several errors crept into William Draeb's report courtesy of your editor. The distance for CHSJ-4 should have been 1375 miles, not 1230. K69BA, Iron Mountain, carries The Disney Channel, not WBAY-2. And W69AV, Leeland, Michigan; carries WCML-6, not WCMV-27. According to Bill, W69AV can either pick WCML-6 up directly or via W46AD.

Once again, I would appreciate each translator logging including the primary. Hopefully, that will prevent me from erroneously listing the primary from an old source!

New____ New Mode_ _ Tent. - t Unidentified - unid S/On - + S/off - =
ID Color Bars - @ Unid Color Bars - % Misc. Test Patterns - &
Parallel Programming - // MTS Stereo - $

BN Baja California Norte GR Guerrero

William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216 (414-388-2350) CDT

Equipment: See October 1991 Western TV-DX

Not much DX seen with the recent cold snap that invaded this area. Last night I discovered my UHF setup wasn't working as it should (water in connections) and I fixed the problem this afternoon. I may have missed a little DX during the down time.

September 1991

1 tr 0547 @WKBN 27 OH 420
WFMJ 21 OH 420
2154 WJW 8 OH 355
(MD Telethon)
WNEO 45 OH 405
WEAO 49 OH 380
WAKC 23 OH 380
WDLI 17 OH 395
WHIZ 18 OH 400

1 tr 2154 Cleveland Us 355
7 tr 2248 W69BJ 69 MI 195
(Lansing WAQP-49)
(TBN)
Twin City Us 280
(Good)
8 tr 0530 W23AH 23 WI 155
(Lac..Flambeau WGN- 9)
W25AN 25 WI 155
(Lac du Flambeau LPTV)

8 tr 0530 W27AP 27 WI 155
(Lac du Flambeau LPTV)
0930 W59CA 59 MI 200
(Jackson WAQP-49)
(TCT and TBN)
10 tr 2100 KSAX 42 MN 374
11 tr 0450 KFME 13 ND 500
KSAX 42 MN 374
13 tr 2142 KSAX 42 MN 374
22 tr 1002 *KFVSt 12 MO*

All three Lac du Flambeau LPTVs were scrambled.

Pat Dyer, 5315 Silvertip Drive, San Antonio TX 78228-2744 CST

Equipment:
Wards 12" b&w Model GEN11235 (1984 vintage), KTV 12" 1210A b&w, RCA 13" (1987) EMR350E (color). Archer V-100 and 8-bay bow-tie UHF array at 20 feet with rotor.

July 1991

1 Es 0757 WCIA 3 IL 930
0759 KTVI 2 MO 780
KUSD 2 SD 945
1529 WWAY 3 NC 1235
3 Es 0930 KDKA 2 PA 1295
0956 WDTN 2 OH 1075
0959 WAVE 3(IN) 955
1040 WTWO 2 IN 925
5 Es 0759 WAVE 3(IN) 955
0829 WCMH 4 OH 1140
0830 WWAY 3 NC 1235
0859 WDTN 2 OH 1075
0929 KDLH 3 MN 1245
0950 KGAN 2 IA 960
1057 KDLO 3 SD 1070

8 Es 1339 WSAV 3 GA 1040
1359 WEAR 3(AL) 660
1429 WBTV 3 NC 1090
1430 WESH 2 FL 1040
1529 WFMY 2 NC 1175
10 tr 0354 KTRE 9 TX 260
12 Es 1233 XHAP 2 GR
13 Es 1536 KTWO 2 WY 1010
14 tr 0118 KLFY 10 LA 375
15 Es 0113 WSIL 3 IL 790
tr 0159 KLFY 10 LA 375
17 Es 1129 WCBD 2 SC 1140
1159 WSAV 3 GA 1040
18 Es 0149 WBTV 3 NC 1090
0612 KTWO 2 WY 1010
0629 KWGN 2 CO 800

18 Es 0829 KUSD 2 SD 945
0859 KDLO 3 SD 1070
0959 KDLH 3 MN 1245
KBME 3 ND 1190
1029 KIDK 3 ID 1240
2109 WSB 2 GA 885
19 Es 0828 KTWO 2 WY 1010
0906 XHBC 3 BN 1025
1516 WDTN 2 OH 1075
1602 WBTV 3 NC 1090
19 Es 1622 KGAN 2 IA 960
20 tr 0449 KNOE 8 LA 430
0453 KTRE 9 TX 260
0459 KLTV 9 TX 290
Es 1859 WMAB 2 MS 615
24 Es 0658 WTVJ 4 FL 1150

Pat Dyer (continued)

25	tr	0238	KLFY	10 LA	375
	Es	1859	WPBT	2 FL	1150
29	tr	0119	KLFY	10 LA	375
	Es	2105	WBAY	2 WI	1185
29	Es	2131	KGAN	2 IA	960
		2205	KIMT	3 IA	1010
		2206	KDLH	3 MN	1245
31	Es	1526	WWAY	3 NC	1235
		1532	WRCB	3 TN	865
		1603	WAVE	3(IN)	955
31	Es	1605	WKYC	3 OH	1255
		1759	WDTN	2 OH	1075
		1929	KTVO	3 MO	830
		1956	KTVK	3 AZ	835

In very early July the Wards black & white TV use was discontinued as "vertical folding" at the lower edge of the screen became too severe to deal with (nothing like a few lost IDs that way!).

In spite of its annoying "blank-to-black" feature, the RCA color set had to be used as the DXing instrument for the rest of this month. So far, I've not been successful in any of my attempts at locating a schematic for it so that I might find a way of defeating that circuitry.

What I really need is a good CCTV black & white monitor to put the video output into from my old JC Penney (1976 tuner/1980 IF, etc.).

With our high temps in the 100s, many days the in-state tropo levels were so high that much of the E skip ended up being "buried" in it. Anyway, a few channel four E skip catches were IDed under our local.

The E skip MUF reached 144 MHz to the US southeast on July 18th and this time my 2 meter rig was in working order! (A very much briefer event in the same direction occurred the next day as well.)

Other "diversions" of the month included the failure of the central air conditioner compressor (less than a year old!) from June 28th to July 3rd (and having to install a 5000 BTU temporary window unit), the July 11th solar eclipse, and my 25 year high school reunion activities here July 12th to 14th.

August 1991

1	Es	0849	WDTN	2 OH	1075
		0859	WKYC	3 OH	1255
		1127	KTVQ	2 MT	1245
		1128	KIDK	3 ID	1240
		1259	WTWO	2 IN	925
		1358	KTVI	2 MO	780
2	Es	1859	XHBC	3 BN	1025
		2028	KTVK	3 AZ	835
6	Es	1129	WFMY	2 NC	1175
		1839	WWMT	3 MI	1160
7	Es	0845	XETV	6 BN	1110
		0907	KTLA	5 CA	1185
		0924	KVBC	3 NV	1050
		0929	KNAZ	2 AZ	845
		0959	KUTV	2 UT	1085
		1029	KTWO	2 WY	1010
		1129	KMTV	3 NE	830
7	Es	1205	KOTA	3 SD	1040
		1228	KUSD	2 SD	945
		1329	KBME	3 ND	1190
		1427	WCIA	3 IL	930
		2103	KIMT	3 IA	1010
		2117	KDLO	3 SD	1070
8	Es	1832	KGAN	2 IA	960
9	Es	0930	WEDU	3 FL	995
		1339	WPBT	2 FL	1150
12	Es	1859	KGAN	2 IA	960
		2045	KUSD	2 SD	945
13	Es	1300	WWMT	3 MI	1160
		1359	KGAN	2 IA	960
		1400	WJMN	3 MI	1310
		1409	KIMT	3 IA	1010
18	Es	1609	WBTV	3 NC	1090
		1611	WFMY	2 NC	1175
19	Es	0858	KUSD	2 SD	945
23	Es	1139	XHBC	3 BN	1025
		1433	WSJK	2 TN	1010
		1445	WSAZ	3 WV	1125
		1450	WHSV	3 VA	1300
25	Es	1716	WWAY	3 NC	1235
		1759	KGAN	2 IA	960
29	Es	0830	KGFE	2 ND	1290
		1056	WAVE	3(IN)	955
30	tr	0423	KADN	15 LA	385
		0427	KFDM	6 TX	280
		0428	KTRE	9 TX	260
	Es	1425	KWGN	2 CO	800
		1443	KMTV	3 NE	830
		1459	KUSD	2 SD	945
			KOTA	3 SD	1040
		1518	KIMT	3 IA	1010

By the end of the month, the KTV 12" black & white set was put on line as the DX instrument (the "blank to black" video feature of the RCA color set was causing too much DX to be "lost"). The black & white set has very poor selectivity, especially on high-band VHF, so it is not really considered "permanent". Though this was bought in July 91 (to "replace" the RCA as the video display for the Atari 8-bit computer system) the manufacture date has July 1988 on it!

August 18th had the Carolina stations with their live local/remote coverage of the effects of Hurricane Bob. Nice to catch a new channel 3 later in the month. A lot of August TV E skip considering the comparatively low levels of it in June and July.

September 1991

2	Es	1900	XHBC	3 BN	1025
3	Es	2120	WSAZ	3 WV	1125
		2129	WSJK	2 TN	1010
3	Es	2232	WKRN	2 TN	820
10	tr	0058	KLNO	14 TX	65
			(// KXAN-36)		
16	Es	1715	WWAY	3 NC	1235
23	Es	1710	WDTN	2 OH	1075
		1729	WSAZ	3 WV	1125
		1759	WRBL	3 GA	840

More TV E skip this month considering the relatively low levels of E skip for the "main" part of the summer season.

The local LPTV K02MX pest had video loss for a day + this month. A few days after fixing that, it was then completely off for ten days (September 20-30). Four years of nothing but color bars with ID and test tone! That really stretches the definition of "... in the public interest ...."!

For several days I had been noticing faint CNN video under the LPTV in late August - an obvious indication of CATV leakage. The Bearcat XL-55 hand-held scanner with

Pat Dyer (continued) 149.75, 161.75, 167.75 MHz TV audio quickly verified this and where it was coming from! A couple of phone calls to Paragon Cable finally got a technician out who found the underground service feed to the immediate west neighbor (who'd only moved there in mid June) had been chewed into by their dogs. That was quickly fixed, and ironically, about two weeks later that entire system (with three or more "branch feeds") was relocated to the other end of their house!

Such cable problems pose a dual threat for me - not only QRMing my TV etc., but also presenting a point where my transmitted amateur signals could ingress into the CATV lines!

73, Pat, WA5IYX

Christopher W. Hanley, 1321 Beecher Avenue, Galesburg IL 61401 CDT

Equipment:
VHF antenna (unknown vintage) at approximately 30 feet. Tabletop Radio Shack UHF bow tie in the attic at approximately 15 feet. Kawasho 13" color set.

Here's my DX report for late August and early September, such as it is. Oh well... the rest of my life is going pretty well.

August 1991
31 tr 0701 +WPNE 38 WI 267
0731 WCGV 24 WI 195

September 1991
7 tr 0852 WXIN 59 IN 231
0900 WHMB 40 IN 231
7 tr 0900 WBAK 38 IN 197

Jeff Kruszka, 2824-E Steamship Circle, Harahan LA 70123 CDT

Equipment:
Sylvania 12" black and white, quad loop cut for channels 2 and 5, Radio Shack U-75 corner yagi. Sony Watchman. Mitsubishi HS-U31 VCR.

August 1991
12 Es 1735 unid ch 3 CBS
unid channel 2
1750 *WWAYt 3 NC*
1800 WTKR 3 VA 920
2030 KREG 3 CO 1169

September 1991
3 Es 2128 unid ch 3 CBS
2201 KMTV 3 NE 849
2212 *KTVIt 2 MO*
2215 KGAN 2 IA 857
2221 KIMT 3 IA 927
3 Es 2245 MUF ch 5 briefly
2300 KLNE 3 NE 888
2307 KSNC 2 KS 762
2318 fade out

The skip on September 3rd was nice - had some beautiful IDs! Not much tropo to speak of lately. Had some brief tropo on August 13th in the evening and on September 21st around noon (strange time! - it was gone within an hour or so).

I believe I saw KTVI on the night of September 3rd. They were running local news with a black woman on the left and a white man on the right behind the news desk. In the back, it looked like a nighttime backdrop of St. Louis with the Arch. Can anyone confirm this news set for St. Louis? It would be another short-hopper for me.

Robert Kramer, Box 8244, Chicago IL 60680 (N9MBK) (312-262-6299) CDT

Equipment:
1978 RCA 19" black & white, Sony 1923 19" color, Mitsubishi HS 422UR Stereo VCR, Archer V-185 VHF & Archer U-120 UHF at 60', 4 Archer adjustable preamps (Model 15-1113A), Ricoh XRM 35 mm camera w/Kodak T-Max 400 film, Alliance HD-73 rotor, numerous traps and attenuators.

August 1991
23 tr 2000 WUCM 19 MI 233
2152 WGBA 26 WI
(Over WCIU)
24 tr 0038 W33AX 33 WI
(Madison TBN)
0114 WHLA 31 WI 230
0120 WHWC 28 WI 299
0159 WXON 20 MI 240
0545 WLIO 35 OH 200
0555 WRGT 45 OH 237
0559 WTTE 28 OH 280
0600 WXIN 59 IN
0607 WTLW 44 OH 200

24 tr 0617 WNWO 24 OH 220
0657 WOSU 34 OH 280
0700 WBGU 57 OH 200
1827 WVIZ 25 OH 320
2144 WEYI 25 MI 222
WBGU 57 OH 200
2251 WNWO 24 OH 220
2310 WGTE 30 OH 220
2350 CIII22 22 ON 252
25 tr 0005 CITY2 31 ON 365
0023 CBLN 40 ON 338
WBSX 31 MI 205
0038 CKCO3 42 ON 260
0110 WQHS 61 OH 320

25 tr 0113 WGPR 62 MI 240
(Through WJYS)
25 tr 0116 CICO59 59 ON 287
0149 WTTE 28 OH 285
0208 WTJC 26 OH 243
WRGT 45 OH 237
0221 WBNX 55 OH 307
0226 WKBN 27 OH 347
0241 WXYZ 7 MI 240
0305 CBCE 16 ON 448
0310 CIII27 27 ON 509
0319 WAQP 49 MI 222
0335 CFMT 47 ON 440
0341 CIII## 41 ON 440

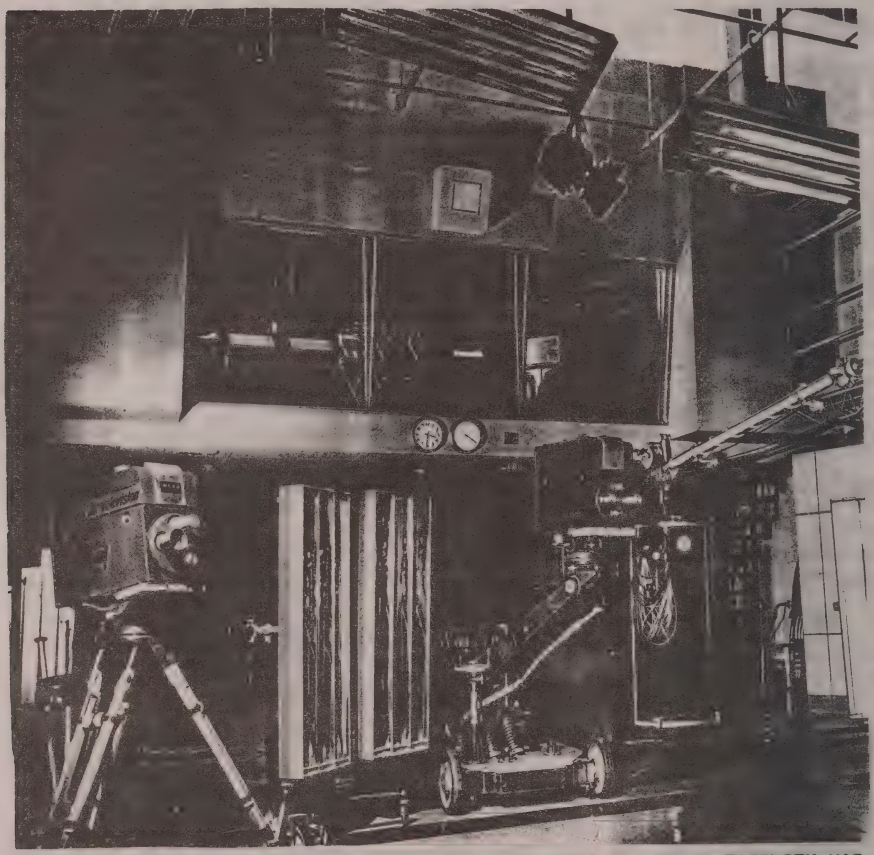
WESTERN TV DX continues on page 54...

TV TIME TUNNEL

PREPARED FOR THE VUD BY TOM BRYANT; 849 TODD PREIS DRIVE; NASHVILLE, TN; 37221

Photos aren't used often in this column but I've made an exception here to present this pictorial history of WCAU-tv. Thanks to WTFDA-er Bill Burrows of Gloucester City, NJ for sending a copy of this feature from an old BROADCAST NEWS magazine.

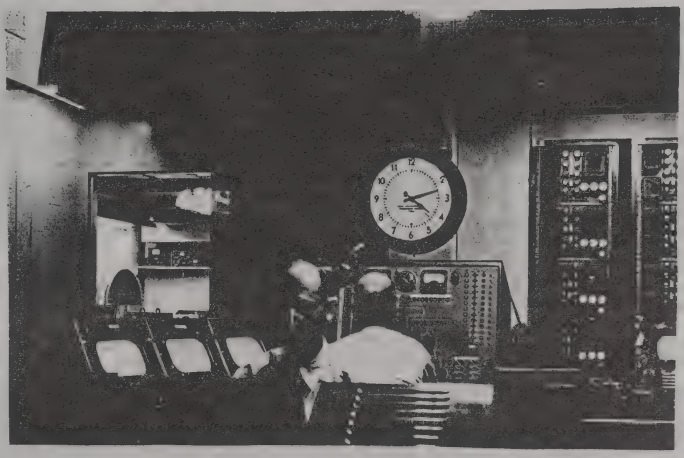
In 1946 channel 10 in Philadelphia was granted a construction permit as WPEN-tv, but as the result of an ownership transfer, became WCAU-tv prior to the May 1948 startup. It was the city's 3rd television station, and the second affiliate for the fledgling CBS Television Network.



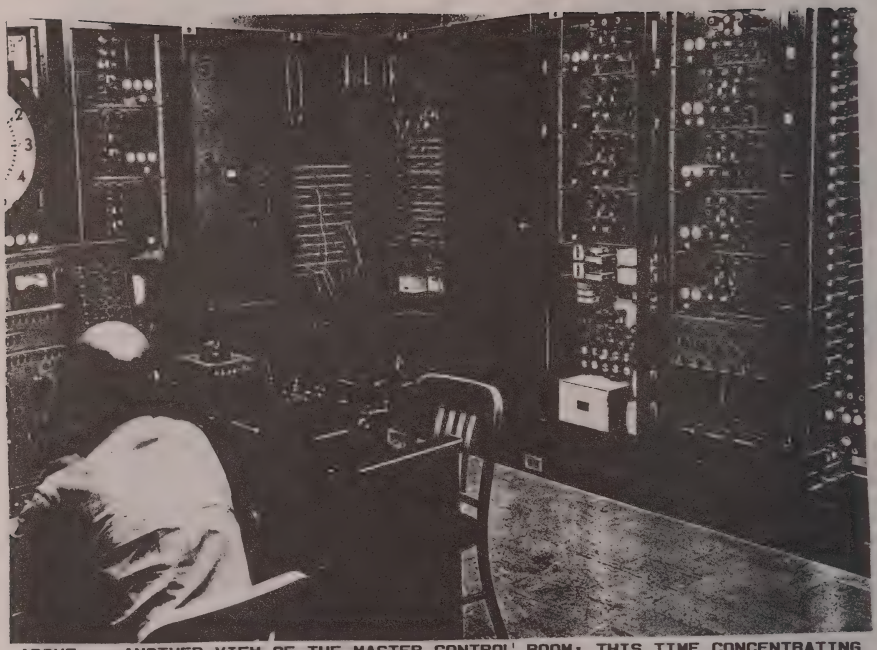
A LOT OF OUR READERS WEREN'T AROUND WHEN THIS SORT OF STUDIO FACILITY WAS STATE-OF-THE-ART; AND THOSE WHO WERE MAY NOT HAVE HAD A CHANCE TO SEE SUCH A SETUP. OF SPECIAL INTEREST IN THIS SCENE ARE THE ELEVATED CONTROL BOOTH FACILITIES (l-r rear of RCA audio console and 3 camera control units), THE LARGE LIGHTING PANELS, THE BOOM MIKE, THE RCA TK-31A CAMERAS (one on a wooden tripod, the other on a rolling boom), AND THE SPEAKER [sporting WCAU call letters] JUST BELOW AND TO THE RIGHT OF THE CLOCKS.

WHILE MOST STATIONS RAN TEST PATTERNS FROM SLIDES OR MONOSCOPE PICKUPS; WCAU-tv UTILIZED A FLYING SPOT SCANNER TO AIR THEIR TEST SIGNAL. SINCE CHANNEL 10 WAS CO-OWNED WITH A NEWSPAPER, EMPHASIS ON NEWS AND INFORMATION WAS STRONG. THE CAMERA TYPE AND PHYSICAL LAYOUT OF THIS PARTICULAR PATTERN PERMITTED INFORMATION TO BE CHANGED QUICKLY; EITHER BY INSERTION OF TYPEWRITTEN COPY (such as the date shown on top), OR LETTERED WITH A MARKER (such as the forecast). INTERESTINGLY ENOUGH, IT DID NOT MENTION THE CITY.

IN THE WCAU-tv CONTROL ROOM, ONE ENGINEER KEEPS AN EYE ON AT LEAST 3 OF THE 6 RCA CAMERA CONTROL UNITS, WHILE THE OTHER RIDES GAIN ON AUDIO LEVELS FROM ALL SOURCES. THE RACKS ON THE RIGHT ARE FILLED WITH TUBE - TYPE SYNC AND DISTRIBUTION ELECTRONICS.

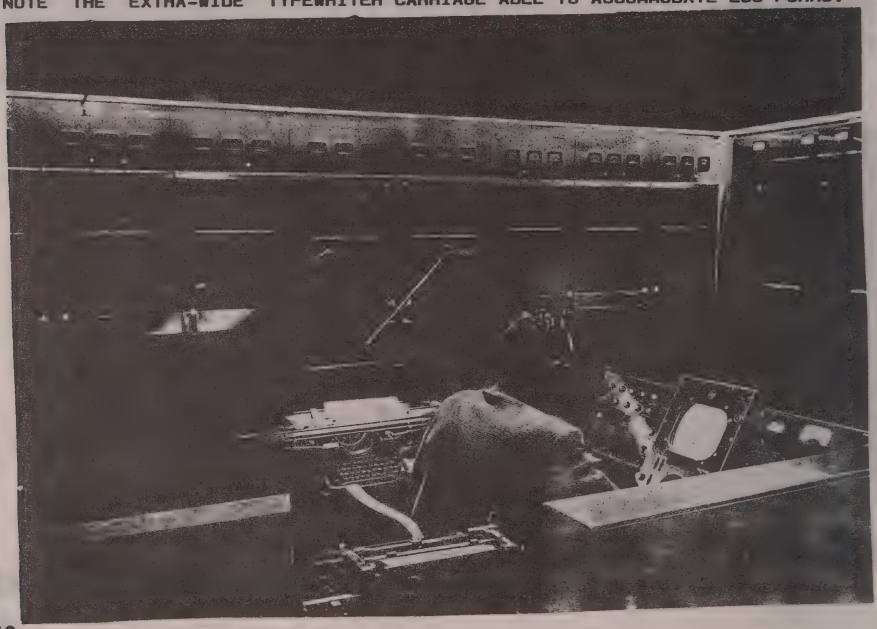


ALMOST ALL EARLY REMOTE UNITS LOOKED THE SAME. THIS ONE IS TYPICAL OF THE VINTAGE VANS. MOST OF THEM HAD ONLY ONE CAMERA, AND WERE STAFFED BY AN AUDIO OPERATOR, MICROWAVE AND VIDEO ENGINEERS, AND A CAMERAMAN. IF THE UNION WAS STRONG ENOUGH, THERE WAS ALSO A DRIVER. DUE TO THE LINE OF SIGHT TRANSMISSION OF THE MICROWAVE SYSTEM, IT WAS NECESSARY TO BE CAREFUL IN SITE SELECTION. THESE UNITS LOOKED A LOT MORE PRACTICAL THAN THEY ACTUALLY WERE.



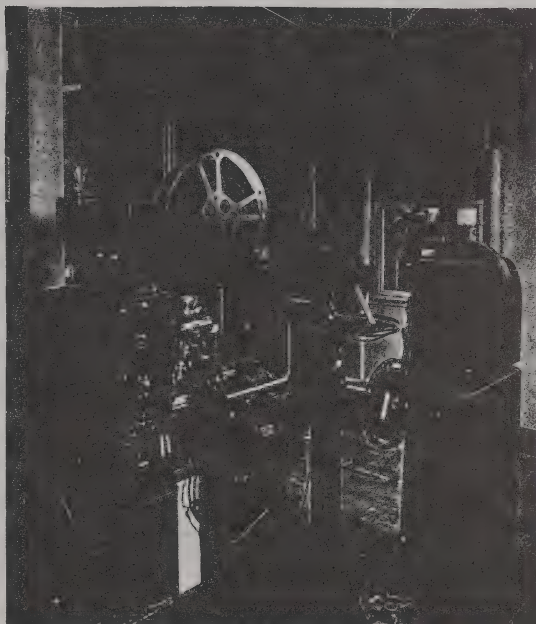
ABOVE: ANOTHER VIEW OF THE MASTER CONTROL ROOM; THIS TIME CONCENTRATING ON THE ENORMOUS AMOUNT OF EQUIPMENT IN PRE-TRANSISTOR TIMES. FOR SAKE OF COMPARISON, IT'S LIKELY THAT MODERN COUNTERPARTS OF EVERYTHING IN THE PHOTO WOULD FIT INTO ONE RACK..WITH ROOM TO SPARE!

BELOW: THIS WAS ONLY PART OF THE WATER-COOLED RCA TT-5A TRANSMITTER. NOTE THE EXTRA-WIDE TYPEWRITER CARRIAGE ABLE TO ACCOMMODATE LOG FORMS.



THE CONTROL AREA CONTAINS TWO LARGE TURNTABLES DESIGNED TO HANDLE ACETATE TRANSCRIPTIONS. ON THE WALL IS A "WESTERN UNION" CLOCK. THESE WERE RESET AUTOMATICALLY WITH A PULSE FED ON A PHONE LINE; AND WERE THE INDUSTRY STANDARD. BEHIND THE WINDOW ON THE LEFT IS AN ANNOUNCE BOOTH WHERE LIVE, OFF-CAMERA VOICE-OVER ANNOUNCEMENTS ORIGINATED. THE AUDIO MIXING BOARD APPEARS TO BE AN RCA CUSTOM DESIGN. THE ROTARY PHONE AND MANUAL TYPEWRITER ADD TO THE MUSEUM-LIKE SCENE.

TV PROJECTION ROOMS WERE FASCINATING PLACES. THE PROJECTORS SHOWN HERE ARE RCA MODELS (which made a heck of a racket when in operation). ALTHOUGH A FEW OTHER FIRMS SUCH AS DuMONT, GENERAL ELECTRIC, EASTMAN, AND SARKES TARZIAN MANUFACTURED TV STUDIO AND TRANSMITTER EQUIPMENT; RCA WAS THE UNDISPUTED LEADER IN THE FIELD..AND ABOUT 80% OF THE STATIONS USED RCA GEAR EITHER EXCLUSIVELY OR EXTENSIVELY. STUDIO CAMERAS USED IMAGE ORTHICON PICKUP TUBES, AND TENDED TO 'BURN' IF LEFT ON ONE SCENE TOO LONG. THE PICKUP TUBES IN FILM CHAINS WERE USUALLY ICONOSCOPES OR VIDICONS; AND WERE NOT AS PRONE TO RETAINING UNWANTED IMAGES. MOST TV STATIONS USED BOTH SLIDES AND OPAQUES..AND THERE WERE NUMEROUS DEVICES TO PROJECT BOTH. SOME LARGE STATIONS EVEN BOASTED 35mm THEATRE PROJECTORS.



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NO APOLOGIES FOR PHOTO QUALITY IN THIS FEATURE. WE ALL KNOW THAT IT'S DIFFICULT TO REPRODUCE PICTURES, BUT CONSIDERING THE SUBJECT AND CONTENT; I SIMPLY COULDN'T PASS UP THE OPPORTUNITY TO PUBLISH IT. IN FACT, IF THIS ONE COMES ANYWHERE NEAR MAKING THE GRADE (Quality-wise) THERE WILL BE A SIMILAR FEATURE ON WSLS-tv IN A FUTURE ISSUE .

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<u>NEXT MONTH: MAILBAG, ODDS AND ENDS, MISCELLANEOUS, ET AL!</u>

NWS NEWS

IN THIS ISSUE:
-The column finally returns!!
-NWS western style- a new reporter from Colorado!!
...and much more!

November, 1991

Matt Sittel
PO Box 21451
511J Wood Hall, NCSU
Raleigh, NC 27607
(919) 834-6053

Deadline: none
(read column)

Long time, no column, eh? Well, I seriously considered terminating NWS News permanently due to lack of support, but just when I thought that was it along came a few reports! So in the future this column will run on an as-needed basis, not the every other month schedule unless I receive enough reports to merit a column. Anyway, NWS News will be here, so if you have something to send, please do. On to the reports...

William R. Hepburn, 1211-1547 Mississauga Vly, Mississauga, ON L5A 3X8 Canada EDT

Equipment: Realistic PRO-2004, 12th floor balcony vert. dipoles w/20dB amp.

MAY 1991

21 tr	0746	VEU-671	162.550	ON	Harwood	81	WRC	Peterborough
	0920	KIG-60	162.400	VT	Mount Mansfield	350	NWR	Burlington
26 tr	0305	VBG	161.650	ON	Orillia	70	CMB	Toronto CGR // and o/161.65 Cobourg

JUNE 1991

20 tr	0130	VDQ	161.775	ON	Kingston	159	CMB	Cardinal CGR // 161.65 Cardinal

Comments: Vermont becomes VHF weather state #7! KIG-60 ID gave location as Mt.Mansfield (20 miles east of Burlington).

Regarding questions in the March VUD...WXM-49 ID did use Goreville as its location... WXJ-47 ID mentioned only the Akron-Canton studio location (I've seen its location listed as Cambridge, Caldwell, and Zanesville -- take your pick!)...TACAN=TACtical Air Navigation Omnirange. Similar to VHF 'VOR's on 108-118 MHz except they are used primarily by the military and give both azimuth and distance information to pilots -- but they have no voice broadcasts...As far as the 20dB amp -- I've always had the in-line amp directly at the antenna -- after an FM trap. 108-112 MHz reception suffers somewhat because of the trap but not too badly. (I'm so close to CFMX-96.3 I need an FM trap to get anything worthwhile, hi). Well, 73's for now, BILL

Charles Gauthier, 3260 Beaulieu, Brossard, PQ J4Z 2P7 Canada

Equipment: Realistic PRO-2002 scanner, homemade "log-periodic" scanner beam at 20 feet AG in parallel with a Realistic magnetic mounted mobile antenna (20-012) on the roof (15 feet AG), 10dB amplifier.

JULY 1991

21 tr 0100 WXL-38 162.475 NY Binghamton 265
Very clear audio; forecast for central NY, the Adirondacks and the Mohawk Valley. Marine forecast for Lake Ontario and the St.Lawrence river. Hourly conditions.
0130 KHA-53 162.400 NY Rochester 261
It was under KIG60 Burlington,VT for half an hour and it finally destroyed it almost completely. (Awww!,hi-mcs) Hourly conditions in Rochester.

This opening was so strong that CJOH-8 Cornwall,ON was totally wiped out by WROC-8 Rochester, NY by antenna as well as on cable. 73,Charles

Doug Allen, PO Box 5646, Woodland Park, CO 80866 ---NEW REPORTER!---

Equipment: Regency Z 30, "NOAA 5" at 30' fed with coax, Ham M rotor.

AUGUST 1991 (8/26 gw below-whoops!)

1745	WXM56	162.475	CO	Colorado Springs 19
1750	KEC76	162.550	CO	Denver 51
1755	WXM50	162.400	CO	Greeley 105
30 tr				
0710	WXL67	162.550	NE	Scottsbluff 231
0720	WXM53	162.400	CO	Sterling 155
31 tr				
0655	WXM37	162.475	WY	Cheyenne 150
31 tr				
0714	WXL76	162.400	NE	Merriman 310

SEPTEMBER 1991

2 tr				
0719	WXK96	162.475	KS	Colby 200
6 tr				
0712	WXL67	162.550	NE	Scottsbluff 221
0720	WXM53	162.400	CO	Sterling 126

(Doug, is Sterling 126 or 155 miles?-mcs)

I've been threatening to send a report and finally have one! I've got local stations on .400, .475, and .550 and nothing on the other freq's, to my knowledge, for hundreds of

miles, so DXing with a quarter wave whip was out of the question. So, I finally designed a 5 element yagi (from the ARRL VHF Manual) cut for 162.5 MHz. I built it from the parts left over after putting an FM-13 together from two FM-10's. I'll try to get an article on the construction submitted to VUD sometime soon. In the meantime, anyone who has "remanufactured" the FM-13 and has the leftover parts, can throw this yagi together very easily. Send me a SASE for the construction details. Many other FM and TV antennas can also be reworked into a NOAA weather yagi.

I'm not absolutely sure of the calls of some of the above. (I filled them in for you, Doug.-mcs) Greeley and Sterling simulcast with both calls announced. They both run 300 watts. I can only get Sterling with tr enhancement to the NE whereas Greeley is fairly strong to the north all the time. Also on 162.550, KEC76 and WXM61 both simulcast to my north all the time. (Did you mean WXM51? WXM61 is in Lander,WY and is on 162.475. My list shows WXM51 Longmont // WXM56 Denver.-mcs) I assume I'm only getting the nearer station at Stapleton Airport, Denver, but have no way of knowing for sure. The tr of 8/31 points out one of the deficiencies of my cheap scanner. When Cheyenne and Merriman were similar signal strength to my locals, as they were this morning, I get both stations at the same time due to the poor capture ratio. It's hard to pick out the calls that way! The Regency Z 30 also has poor sensitivity. About 18 months ago I had a Yaesu FT 73 two meter HT that covered NOAA weather. It was more sensitive with its rubber ducky than the Regency with a quarter wave whip! I could sometimes get Pueblo on 162.400 with it. Don't remember the calls. (WXM52. But Doug mentions in his letter with the September trops that Pueblo is off the air.-mcs)

Matt Sittel, NWS News Editor. Raleigh, NC DX:

I've shortened my report to basically listing how many times I have received each station in 1991. This is a much shorter way to catch up on my reporting, but less informative.

WXL59	162.475	NC	Rocky Mount	66	53	Comes in often under WXL50 Fayetteville-local.
KHB31	162.550	NC	Wilmington	116	38	Comes over WXL58 Raleigh from time to time
WXL42	162.400	NC	Winston-Salem	88	37	
KEC95	162.400	SC	Myrtle Beach	123	26	
KEC84	162.400	NC	New Bern	104	21	This is rarer than Wilmington, for some reason
KIG77	162.475	NC	Cape Hatteras	187	9	Came in a lot during the summer
WXL60	162.475	VA	Roanoke	124	7	Comes in with WXL42 usually
KHB37	162.550	VA	Norfolk	156	4	Hard to get over the local
KHB29	162.550	SC	Charleston	200	4	Much easier to null local to log
WXM57	162.400	VA	Heathsville	195	2	Rare-trops have to be good for this one
WXK65	162.475	VA	Richmond	142	1	Seems to have a hard time getting past WXL50/59
WXJ20	162.400	SC	Columbia	173	1	Very rare-it is a great-tropo indicator

I'm back living in the dorms again, so signal loss is a problem. I was getting Myrtle Beach rather weak one morning with my scanner in the window, a north-facing one at that. When I took my scanner to a south-facing window nearby the signal was near local strength! Just what I feared, though there isn't much I can do about it. The above listings go through October 5.

OTHER NOTES: I have lots of NWS stations on tape that I recorded while traveling. I taped just about everything I could get to and from the WTFDA Convention in Dunkirk,NY. But my favorite has got to be KBA99 from Honolulu,HI, taped in March. It is a very unique station because this one station covers the entire state through a network of repeaters, and has lots of information about marine data. Weather isn't that much of a priority in Hawaii(the newscast on KHON-2 gave it about 30 seconds at the very end of the newscast!) so you'll not hear much about a forecast, but there is tons of buoy data, wave information, etc. If you'd like to hear it, let me know!

As I mentioned at the start of this column, this will appear on an as-needed basis in the future. For awhile it seemed that I was the only one who had anything to report, and that was why I let the column go. Then I got a few reports and decided I should go ahead and type them up. Now if I don't get any more reports, this is the last column. But if I do get reports, then there will be a column. So in the future you may or may not see NWS News in the VUD. But it is here if you have something to send in.

I noticed awhile back that WXL60 Roanoke,VA switched back to 162.475, after being on 162.400 for about 3 years, I believe. The difference seems to be in coverage area. When they were on .400 they put a nice signal into Wytheville, about 75 miles WSW of Roanoke. In addition I rarely ever got them in Raleigh. Now that they are on .475 there is no signal at all into Wytheville yet I get them every once in a while in Raleigh, much more than ever before. I have no idea ifthe transmitter site has changed, but there is a change in coverage area.

Did anybody get any NWS Es this summer? I checked, hoping that with all the short FM I had maybe I would get something but I didn't. I may or may not be in Raleigh next summer; I graduate in May of 1992 and I'm not sure where I'll be after that. It is likely that I will go to the University of Oklahoma for graduate school, though. 73's *Matt*

Robert Kramer (continued)

25 tr	0400	WLNS	6	MI
	0413	CITY	57	ON 440
	0426	WDLI	17	OH 340
	0437	CICO32	32	ON 245
	0445	WTOL	11	OH 240
	0455	WKEF	22	OH 237
	0520	WNEM	5	MI 233
	0529	WUAB	43	OH 293
	0536	WPTD	16	OH 237
	0604	WCET	48	OH 250
	0648	WFUM	28	MI 224
	0658	WCMU	14	MI 200
26 tr	0543	WADL	38	MI
	0544	KMCI	38	KS 468
27 tr	2156	WGTU	29	MI 225
30 tr	2145	WGTU	29	MI 225
		WGKI	33	MI 206

September 1991

2 tr	0015	WXON	20	MI 240
	0025	WUAB	43	OH 293
		WOIO	19	OH 320
		WADL	38	MI
		WTVS	56	MI 240
	0300	WLKY	32	KY 277
	0341	WKEF	22	OH 237
	0450	WPTD	16	OH 237
	1022	CIII29	29	ON 260
	1030	WIPB	49	IN
	1441	W43AV	43	WI
	(Milwaukee			WDJT-58)
2 tr	1441	W46AS	46	WI
	(Milwaukee			LPTV)
		W65BT	65	WI
	(Milwaukee			LPTV)
3 tr	0015	WXON	20	MI 240
	0109	CBLN	40	ON 338
	0126	CICO28	28	ON 390
	0131	CKCO3	42	ON 260
	0205	CIII22	22	ON 260
	0358	CBCE	16	ON 448
5 tr	2104	WCMU	14	MI 200
		WCMV	27	MI 206
	2200	WJRT	12	MI 224
	2228	WEYI	25	MI 222
11 tr	2142	CBLN	40	ON 338
	2213	WFUM	28	MI 224

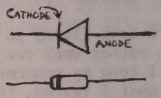
(For the record, my sources show the call letters for channel 46 in Milwaukee to be W46AR. Do they use W46AS on the air? fm)

ANOTHER SUPERTUNER III MOD! by BILL NOLLMAN

One additional modification to the Pioneer SuperTuner III is possible.

By adding a 1N914 (or any small signal diode) to the main PC board in the D514 holes the FM tuner will tune in steps of .05 MHz!

D514 is located under the tape section which must be removed to install the diode. Just make sure the band on the diode (the cathode) faces left (as marked on the board).



You can buy the diode at Radio Shack (or at any electronic parts shop) in a pack of 50 for $2.

On the foil side of the board (the green side) the holes for D514 is labled ES - likely European Standard. Or Extra Steps, or...

When the mod is done the display will look like → 103.5s

Also affected will be the AM tuner - now switched to 9 kHz steps. PUTTING IN A SWITCH TO "UNPLUG" THE DIODE WILL RESTORE THE AM IF NECESSARY.

Good luck to any who try this as always.

DIGI-KEY NOW HAS 110 KHZ I.F. FILTERS IN STOCK!

DIGI-KEY OF MINNESOTA (701 Brooks Ave. South, Thief River Falls 56701-0677) now has the 110 kHz FM ceramic filters in their inventory and they are shippable now with no back orders.

--Bill Nienajadly

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